

**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

|                        |                            |
|------------------------|----------------------------|
| Application Number     | 10/766,104                 |
| Filing Date            | January 27, 2004           |
| First Named Inventor   | Woonza M. Rhee             |
| Title                  | Method for Preventing..... |
| Art Unit               | 1618                       |
| Examiner Name          | Blessing M. Futara         |
| Attorney Docket Number | 2500-2287.05               |

I hereby appoint:

Practitioners associated with the Customer Number:

23980

AND

Practitioner(s) named below:

| Name               | Registration Number |
|--------------------|---------------------|
| David D. McMasters | 33,963              |
| David W. Parker    | 37,414              |
| David D. Phirney   | 48,364              |
| Karen B. Geahigan  | 52,936              |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

The address associated with the above-mentioned Customer Number:

OR

The address associated with Customer Number:

OR

|                          |                                      |       |                |     |            |
|--------------------------|--------------------------------------|-------|----------------|-----|------------|
| <input type="checkbox"/> | Firm or Individual Name              |       |                |     |            |
| Address                  | Reed Intellectual Property Law Group |       |                |     |            |
| Address                  | 1400 Page Mill Road                  |       |                |     |            |
| City                     | Palo Alto                            | State | CA             | Zip | 94304-1124 |
| Country                  | USA                                  |       |                |     |            |
| Telephone                | (650) 251-7700                       | Fax   | (650) 251-7739 |     |            |

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

|           |                              |           |              |
|-----------|------------------------------|-----------|--------------|
| Name      | David J. Parker, J.D., Ph.D. |           |              |
| Signature |                              |           |              |
| Date      | July 12, 2005                | Telephone | 425 831 4405 |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

\*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## CERTIFICATE UNDER 37 C.F.R. §3.73(b)

## TO THE COMMISSIONER FOR PATENTS

In re application of: Woonza M. RHEE et al.  
 Serial No.: 10/766,104  
 Filed: January 27, 2004  
 For: METHOD FOR PREVENTING THE FORMATION OF ADHESIONS FOLLOWING SURGERY OR INJURY

Angiotech BioMaterials Corp., a Delaware corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either

A.  An assignment from the inventors of the patent application identified above, a copy of which is attached.

OR

B.  A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: Woonza M. Rhee, Frank A. DeLustro, Richard A. Berg To: Collagen Corporation  
 The document was recorded in the Patent and Trademark Office at Reel 7840, Frame 0264, and for which a copy thereof is attached.

2. From: Collagen Corporation To: Cohesion Technologies, Inc.  
 The document was recorded in the Patent and Trademark Office at Reel 9648, Frame 0228, and for which a copy thereof is attached.

Additional documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

Copies of assignments or other documents in the chain of title are attached.  
 a.) Name change for Cohesion Technologies, Inc. to Angiotech BioMaterials, Corp., filed for recording on June 21, 2005.  
 b.)  
 c.)

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are true; and further that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Assignee

July 12, 2005  
 Date

Name: David J. Parker, J.D., Ph.D.  
 Title: Vice President of Intellectual Property



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER

OF PATENTS AND TRADEMARKS

Washington, D.C. 20231

JUNE 06, 1996

PTAS



\*100154323A\*

COLLAGEN CORPORATION  
KATHI RAFAYKO  
2500 FABER PLACE  
PALO ALTO, CA 94303

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/29/1996

REEL/FRAME: 7840/0264  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

RHEE, WOONZA M.

DOC DATE: 02/28/1996

ASSIGNOR:

DELUSTRO, FRANK A.

DOC DATE: 02/28/1996

ASSIGNOR:

BERG, RICHARD A.

DOC DATE: 02/28/1996

ASSIGNEE:

COLLAGEN CORPORATION  
2500 FABER PLACE  
PALO ALTO, CALIFORNIA 94303

SERIAL NUMBER: 08573799

FILING DATE: 12/18/1995

PATENT NUMBER:

ISSUE DATE:

KEITH GOODE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

17PA/2/29/96

03-21-1996

Ex:

Mail No.EM256105492US  
Docket No.95-029

RECEIVED

FFB 29 1996

PATENT



100154323

RECORDATION COVER SHEET

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

## 1. Name of conveying party(ies):

Woonza M. Rhee; Frank A. DeLustro;  
Richard A. Berg

## 2. Identity of party(ies) transfer is to be made.

Collagen Corporation  
2500 Faber Place  
Palo Alto, CA 94303

| FEE VALUE<br>to ACCOUNT | DEPOSIT ACCOUNT NO. |
|-------------------------|---------------------|
| 03                      | 2463                |
| FEE CODE                | VALUE FURNISHED     |
| 581                     | 40                  |
| — Other                 |                     |
|                         |                     |
|                         |                     |

## 3. Nature of conveyance:

 Assignment Change of Name

Execution Date: February 28, 1996

## 4. Identification of application:

Inventor(s):

Woonza M. Rhee, Frank A. DeLustro, Richard A. Berg.

Serial/Patent No.:

08/573,799

Docket No.:

95-029

Filing Date:

December 18, 1995

Title of Invention:

CROSSLINKED POLYMER COMPOSITIONS AND  
METHODS FOR THEIR USE

## 5. Address to which document should be returned after recordal:

Kathi Rafayko  
Collagen Corporation  
2500 Faber Place  
Palo Alto, CA 94303

## 6. Total number of applications and patents involved: 1

## 7. Fee payment is provided for as follows:

- In accompanying New Application Transmittal Letter.
- In accompanying FWC Transmittal Letter.
- The Commissioner is authorized to charge Deposit Account No. 03-2463 of Collagen Corporation, Palo Alto, California, in the amount of \$40.00 for recordation of the attached assignment document. This recordation cover sheet is provided in triplicate for accounting purposes.

RT09089 03/20/96 08573799

03-2463 090 581

40.00CH

## 8. Statement and Signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kathi Rafayko  
Agent for Applicant  
Registration No. 36,644

Collagen Corporation  
2500 Faber Place  
Palo Alto, CA 94303  
(415) 354-4642

**ASSIGNMENT OF INVENTION, PRIORITY RIGHTS  
AND RIGHTS TO APPLY FOR PATENTS**

I, the undersigned, Woonza M. Rhee , citizen of USA , residing at 3485 LaDonna Avenue, Palo Alto, CA 94306, and

I, the undersigned, Frank A. DeLustro, citizen of USA , residing at 2517 DeKoven Avenue, Belmont, CA 94002, and

I, the undersigned, Richard A. Berg , citizen of USA , residing at 660 South Springer Road, Los Altos, CA 94024,

**HEREBY STATE UNDER OATH that I am an original and first inventor of an invention for  
CROSSLINKED POLYMER COMPOSITIONS AND METHODS FOR THEIR USE**

as described and/or claimed in my first application for Letters Patent in the United States of America,

       prepared by the        day of       , 19       and ready for filing under Attorney Docket No.       .

or

X Serial No.08/573,799, filed on the 18 day of December, 1995.

NOW, THEREFORE, in consideration of my employment by Collagen Corporation, and by virtue of an employment agreement with Collagen Corporation by which I have been under a continuous obligation since prior to and during the invention of the subject matter of the above - referenced invention to assign rights under said application for Letters Patent to Collagen Corporation,

I DO HEREBY ASSIGN AND TRANSFER my absolute right, title, and interest in said invention and application, including all rights of priority under International Conventions unto  
**COLLAGEN CORPORATION**

manufacturers, a corporation organized and existing under the laws of the State of Delaware, United States of America, its successors, assigns and nominees, and having an office at 2500 Faber Place, Palo Alto, State of California, 94303, United States of America, as the Assignee, without any restrictions, reservations or limitations, the entire right, title and interest in and to the aforesaid application for Letters Patent and all patents which may be granted therefore, and all divisions, continuations, continuations-in-part, reissues and extensions thereof;

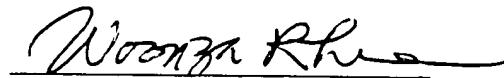
AND ALL PRIORITY RIGHTS derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property, for any and all member countries of the aforesaid International Conventions;

AND THE SOLE RIGHT to file such applications under the Patent Laws of any country of the world in its name and/or ours, and the sole right to have patents granted on said applications in its name and/or ours to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by me had this assignment not been made, and to enforce said patents with my right to sue for and recover accrued profits or damages for any and all infringements thereof;

AND AUTHORIZE the above-named assignee to insert in this instrument the serial number and filing date of said application;

AND AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue all patents on said invention or resulting therefrom to said Corporation as Assignee of the entire interest, and covenant that we have full right so to do, and agree that we will communicate to said Corporation or its representatives any facts known to us respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Corporation, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in all countries.

SIGNED AND SEALED at Palo Alto, California this 28 day of Feb., 1996.  
IN WITNESS WHEREOF, I have hereunto set my hands and affixed my seal.



Woonza M. Rhee

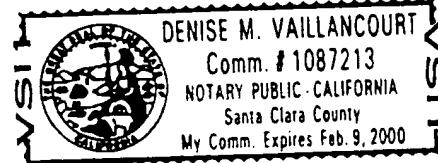
State of California §  
§ ss:  
County of Santa Clara §

Subscribed and Sworn before me, Denise M. Vaillancourt , Notary Public, on this 28 day  
of February, 1996 , personally appeared Woonza M. Rhee , personally known to me to be the  
person whose name is subscribed to the within instrument.

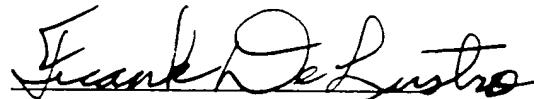
WITNESS my hand and official seal.



Denise M. Vaillancourt, Notary Public



SIGNED AND SEALED at Palo Alto, California this 28 day of Feb., 1996.  
IN WITNESS WHEREOF, I have hereunto set my hands and affixed my seal.



Frank A. DeLustro

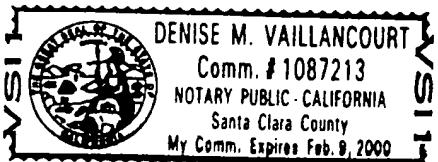
State of California §  
§ ss:  
County of Santa Clara §

Subscribed and Sworn before me, Denise M. Vaillancourt, Notary Public, on this 28 day  
of February, 1996, personally appeared Frank A. DeLustro, personally known to me to be the  
person whose name is subscribed to the within instrument.

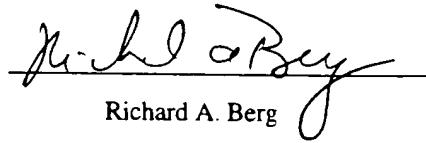
WITNESS my hand and official seal.



Denise M. Vaillancourt, Notary Public



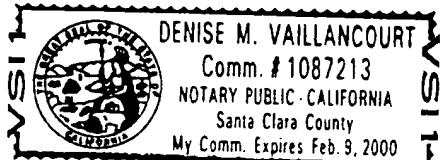
SIGNED AND SEALED at Palo Alto, California this 28 day of January, 1996  
IN WITNESS WHEREOF, I have hereunto set my hands and affixed my seal.

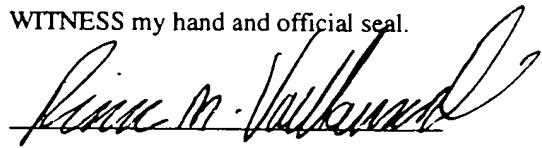
  
Richard A. Berg

State of California                           §  
   §  
County of Santa Clara                       §       ss:

Subscribed and Sworn before me, Denise M. Vaillancourt, Notary Public, on this 28 day  
of January, 1996, personally appeared Richard A. Berg, personally known to me to be the  
person whose name is subscribed to the within instrument.

WITNESS my hand and official seal.



  
Denise M. Vaillancourt, Notary Public

#### ACCEPTANCE

WE, the undersigned, COLLAGEN CORPORATION, of 2500 Faber Place, Palo Alto,  
State of California, United States of America 94303, do hereby declare that we have accepted the foregoing  
assignment.

Palo Alto, California, U.S.A.

Feb 28, 1996.

COLLAGEN CORPORATION

By:   
Carol F. H. Marner

Title: Vice President, Scientific Affairs

Witness: Gabrielle Loosan  
Witness: Cheryle Ahesson



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## Assignments on the Web &gt; Patent Query

**Patent Assignment Abstract of Title**

**NOTE: Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.**

**Total Assignments: 4**

**Patent #:** 5874500      **Issue Dt:** 02/23/1999      **Application #:** 08769806      **Filing Dt:** 12/18/1996

**Inventors:** WOONZA M. RHEE, FRANK A. DELUSTRO, RICHARD A. BERG

**Title:** CROSSLINKED POLYMER COMPOSITIONS AND METHODS FOR THEIR USE

**Assignment: 1**

|                                |                             |                 |
|--------------------------------|-----------------------------|-----------------|
| <b>Reel/Frame:</b> 008597/0098 | <b>Recorded:</b> 07/14/1997 | <b>Pages:</b> 4 |
|--------------------------------|-----------------------------|-----------------|

**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

|  |                            |
|--|----------------------------|
| <b>Assignors:</b> <u>RHEE, WOONZA M.</u> | <b>Exec Dt:</b> 04/22/1997 |
| <u>DELUSTRO, FRANK A.</u>                | <b>Exec Dt:</b> 04/22/1997 |
| <u>BERG, RICHARD A.</u>                  | <b>Exec Dt:</b> 04/22/1997 |

**Assignee:** COLLAGEN CORPORATION

2500 FABER PLACE  
PALO ALTO, CALIFORNIA 94303

**Correspondent:** MORRISON & FOERSTER LLP

LAURIE A. AXFORD  
755 PAGE MILL ROAD  
PALO ALTO, CA 94304-1018

**Assignment: 2**

|                                |                             |                 |
|--------------------------------|-----------------------------|-----------------|
| <b>Reel/Frame:</b> 014615/0778 | <b>Recorded:</b> 04/23/2004 | <b>Pages:</b> 6 |
|--------------------------------|-----------------------------|-----------------|

**Conveyance:** CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

|   |                            |
|---|----------------------------|
| <b>Assignor:</b> <u>COLLAGEN CORPORATION</u>      | <b>Exec Dt:</b> 08/09/1998 |
| <b>Assignee:</b> <u>COLLAGEN AESTHETICS, INC.</u> |                            |
| 2500 FABER PLACE                                  |                            |
| PALO ALTO, CALIFORNIA 94303                       |                            |

**Correspondent:** HELLER, EHRMAN, WHITE, ET AL.

PAUL DAVIS  
275 MIDDLEFIELD ROAD  
MENLO PARK, CA 94025-3506

**Assignment: 3**

|                                |                             |                 |
|--------------------------------|-----------------------------|-----------------|
| <b>Reel/Frame:</b> 009593/0702 | <b>Recorded:</b> 11/16/1998 | <b>Pages:</b> 2 |
|--------------------------------|-----------------------------|-----------------|

**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

|   |                            |
|---|----------------------------|
| <b>Assignor:</b> <u>COLLAGEN CORPORATION</u>        | <b>Exec Dt:</b> 09/23/1998 |
| <b>Assignee:</b> <u>COHESION TECHNOLOGIES, INC.</u> |                            |
| 2500 FABER PLACE                                    |                            |
| PALO ALTO, CALIFORNIA 94303                         |                            |

**Correspondent:** FISH & RICHARDSON P.C.

LAURIE A. AXFORD  
4225 EXECUTIVE SQUARE, SUITE 1400  
LA JOLLA, CA 92037

**Assignment: 4****Reel/Frame:** 009648/0228**Recorded:** 12/24/1998**Pages:** 26**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignor:** COLLAGEN CORPORATION**Exec Dt:** 11/04/1998**Assignee:** COHESION TECHNOLOGIES, INC.

2500 FABER PLACE

PALO ALTO, CALIFORNIA 94303

**Correspondent:** FISH & RICHARDSON P.C.

LAURIE A. AXFORD

4225 EXECUTIVE SQUARE

SUITE 1400

LA JOLLA, CA 92037

Search Results as of: 07/08/2005 06:29 PM

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 703-308-9723

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## PATENT ASSIGNMENT

This PATENT ASSIGNMENT (the "Assignment") is made from Collagen Corporation, a Delaware corporation (the "Assignor"), to Cohesion Technologies, Inc., a Delaware corporation (the "Assignee").

Assignor desires to assign to Assignee all of Assignor's right, title and interest in and to the patents and/or inventions (the "Patents") set forth in Exhibit A attached hereto.

In consideration for entering into the Assignment and License Agreement, effective as of January 1, 1998, by and between Assignor and Assignee, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has sold, assigned, transferred, and set over, and by these presents does hereby sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to Patents, any and all corresponding applications, including provisional applications, in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said applications, and reissues and extensions of said Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Patents have been or may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor, had this sale and assignment not been made.

AND said Assignor hereby requests the Commissioner of Patents to issue said Patents in the United States to said Assignee as the Assignee of said inventions and the Patents to be issued thereon for the sole use and behalf of said Assignee, its successors, legal representatives and assigns.

Executed this 13<sup>th</sup> day of November, 1998,  
at Palo Alto, California.

COLLAGEN CORPORATION

By: Gary S. Petersmeyer  
Name: Gary S. Petersmeyer

Title: CEO

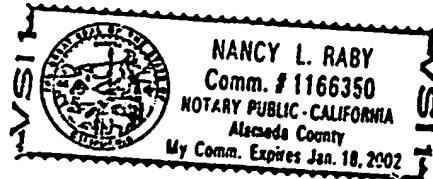
State of California

) ss:

County of Santa Clara

On this 13<sup>th</sup> day of November, 1998, personally appeared Gary S. Petersmeyer, known to me to be the person whose name is subscribed above and signed on behalf of Collagen Corporation, Inc., in his/her capacity of Chief Executive Officer

(seal)



Nancy L. Raby  
Notary Public

We accept this assignment with all rights and obligations pertaining hereto.

Executed this 4<sup>th</sup> day of November, 1998,  
at 2500 Faber Place, Palo Alto, CA.

COHESION TECHNOLOGIES, INC.

By: Frank DeLustro

Name: Frank DeLustro

Title: President

State of California

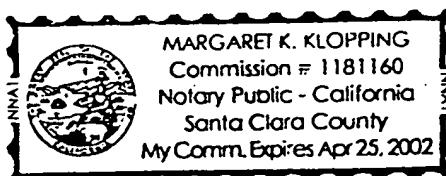
) ss:

County of Santa Clara

On this 4<sup>th</sup> day of November, 1998, personally appeared Frank DeLustro, known to me to be the person whose name is subscribed above and signed on behalf of Cohesion Technologies, Inc., in his/her capacity of President.

Margaret K. Klopping  
Notary Public

(seal)



**EXHIBIT A**

| <b>Atty. Ref<br/>Client Ref.</b> | <b>Country</b>   | <b>Serial<br/>Number</b> | <b>Filing<br/>Date</b> | <b>Patent<br/>Number</b> | <b>Issue<br/>Date</b> | <b>Title</b>   |
|----------------------------------|------------------|--------------------------|------------------------|--------------------------|-----------------------|--|
| 20003.10<br>75-001<br>DIV        | UNITED<br>STATES | 05/945,723               | 9/25/78                | 4,233,360                | 11/11/80              | NON-ANTIGENIC COLLAGEN AND<br>ARTICLES OF MANUFACTURE              |
| 20003.20<br>75-001<br>CIP        | UNITED<br>STATES | 06/532,572               | 09/15/83               | 4,488,911                | 12/18/84              | NON-ANTIGENIC COLLAGEN AND<br>ARTICLES OF MANUFACTURE              |
| 20012.00<br>79-001               | UNITED<br>STATES | 06/008,652               | 02/01/79               | 4,250,139                | 02/10/81              | MICROWAVE STERILIZATION OF DRY<br>PROTEIN                          |
| 20012.40<br>79-001<br>CA         | CANADA           | 342,307                  | 01/17/80               | 1,110,035                | 10/06/81              | MICROWAVE STERILIZATION OF DRY<br>PROTEIN                          |
| 20025.40<br>81-004<br>CA         | CANADA           | 417,726                  | 12/15/82               | 1195051                  | 10/15/85              | IMPLANTABLE BONE PROSTHESIS  |
| 20032.00<br>81-010               | UNITED<br>STATES | 06/338,661               | 01/11/82               | 4,424,208                | 01/03/84              | COLLAGEN IMPLANT MATERIAL AND<br>METHOD FOR AUGMENTING SOFT TISSUE |
| 20032.40<br>81-010<br>CA         | CANADA           | 419184                   | 01/10/83               | 1199580                  | 01/21/86              | COLLAGEN IMPLANT MATERIAL FOR<br>AUGMENTING SOFT TISSUE            |
| 20032.41<br>81-010<br>EP         | EUROPE           | 823069109                | 12/23/82               | 0083868                  | 4/30/86               | COLLAGEN IMPLANT MATERIAL FOR<br>AUGMENTING SOFT TISSUES           |
| 20032.42<br>81-010<br>FR         | FRANCE           | 823069109                | 12/23/82               | 0083868                  | 04/30/86              | COLLAGEN IMPLANT MATERIAL FOR<br>AUGMENTING SOFT TISSU             |
| 20032.43<br>81-010<br>GB         | GREAT<br>BRITAIN | 823069109                | 12/23/82               | 0083868                  | 04/30/86              | COLLAGEN IMPLANT MATERIAL FOR<br>AUGMENTING SOFT TISSUE            |
| 20032.44<br>81-010<br>DE         | GERMANY          | 823069109                | 12/23/82               | P3270910.2               | 04/30/86              | COLLAGEN IMPLANT MATERIAL FOR<br>AUGMENTING SOFT TISSUE            |
| 20032.45<br>81-010<br>IT         | ITALY            | 823069109                | 12/23/82               | 0083868                  | 04/30/86              | COLLAGEN IMPLANT MATERIAL FOR<br>AUGMENTING SOFT TISSUE            |
| 20032.46<br>81-010<br>JP         | JAPAN            | 57212109                 | 12/04/82               | 1329859                  | 07/30/86              | COLLAGEN IMPLANT MATERIAL AND<br>METHOD FOR AUGMENTING SOFT TISSUE |
| 20032.47<br>81-010<br>CH         | SWITZER-<br>LAND | 823069109                | 12/23/82               | 0083868                  | 04/30/86              | COLLAGEN IMPLANT MATERIAL FOR<br>AUGMENTING SOFT TISSUE            |
| 20050.22<br>82-040<br>US C3      | UNITED<br>STATES | 06/663,478               | 10/22/84               | 4,582,640                | 04/15/86              | INJECTABLE CROSS-LINKED COLLAGEN<br>IMPLANT MATERIAL               |
| 20050.40<br>82-040<br>AT         | AUSTRIA          | 833011356                | 03/03/83               | 0089145                  | 06/16/87              | INJECTABLE CROSS-LINKED COLLAGEN<br>IMPLANT MATERIAL               |
| 20050.41<br>82-040<br>BE         | BELGIUM          | 833011356                | 09/21/83               | 0089145                  | 06/16/87              | INJECTABLE CROSS-LINKED COLLAGEN<br>IMPLANT MATERIAL               |

## EXHIBIT A

| Atty. Ref<br>Client Ref.    | Country          | Serial<br>Number | Filing<br>Date | Patent<br>Number | Issue<br>Date | Title  |
|-----------------------------|------------------|------------------|----------------|------------------|---------------|--|
| 20050.42<br>82-040<br>CA    | CANADA           | 423044           | 03/07/83       | 1224210          | 07/14/87      | INJECTABLE CROSS-LINKED COLLAGEN<br>IMPLANT MATERIAL |
| 20050.43<br>82-040<br>CA    | CANADA           | 500548           | 01/28/86       | 1255589          | 06/13/89      | INJECTABLE CROSS-LINKED COLLAGEN<br>IMPLANT MATERIAL |
| 20050.44<br>82-040<br>EP    | EUROPE           | 833011356        | 09/21/83       | 0089145          | 06/16/87      | INJECTABLE CROSS-LINKED COLLAGEN<br>IMPLANT MATERIAL |
| 20050.45<br>82-040<br>FR    | FRANCE           | 833011356        | 09/21/83       | 0089145          | 06/16/87      | INJECTABLE CROSS-LINKED COLLAGEN<br>IMPLANT MATERIAL |
| 20050.46<br>82-040<br>GB    | GREAT<br>BRITAIN | 833011356        | 09/21/83       | 0089145          | 06/16/87      | INJECTABLE CROSS-LINKED COLLAGEN<br>IMPLANT MATERIAL |
| 20050.47<br>82-040<br>DE    | GERMANY          | 833011356        | 09/21/83       | P3372099.I       | 06/16/87      | INJECTABLE CROSS-LINKED COLLAGEN<br>IMPLANT MATERIAL |
| 20050.48<br>82-040<br>IT    | ITALY            | 833011356        | 09/21/83       | 0089145          | 06/16/87      | INJECTABLE CROSS-LINKED COLLAGEN<br>IMPLANT MATERIAL |
| 20050.50<br>82-040<br>LU    | LUXEM-<br>BOURG  | 833011356        | 09/21/83       | 0089145          | 06/16/87      | INJECTABLE CROSS-LINKED COLLAGEN<br>IMPLANT MATERIAL |
| 20050.51<br>82-040<br>NL    | NETHER-<br>LANDS | 833011356        | 09/21/83       | 0089145          | 06/16/87      | INJECTABLE CROSS-LINKED COLLAGEN<br>IMPLANT MATERIAL |
| 20050.52<br>82-040<br>SE    | SWEDEN           | 833011356        | 09/21/83       | 0089145          | 06/16/87      | INJECTABLE CROSS-LINKED COLLAGEN<br>IMPLANT MATERIAL |
| 20050.53<br>82-040<br>CH    | SWITZER-<br>LAND | 833011356        | 09/21/83       | 0089145          | 06/16/87      | INJECTABLE CROSS-LINKED COLLAGEN<br>IMPLANT MATERIAL |
| 20078.40<br>82-045<br>CA    | CANADA           | 440,036          | 10/31/83       | 1201347          | 03/04/86      | SYRINGE FORCE AMPLIFICATION DEVICE                   |
| 20082.20<br>83-052<br>US C3 | UNITED<br>STATES | 06752,447        | 07/05/85       | 4,789,663        | 12/06/88      | METHODS OF BONE REPAIR USING<br>COLLAGEN             |
| 20082.41<br>83-052<br>CA    | CANADA           | 485,578          | 06/27/85       | 1259914          | 09/26/89      | METHODS OF BONE REPAIR USING<br>COLLAGEN             |
| 20082.42<br>83-052<br>EP    | EUROPE           | 85304757.9       | 07/03/85       | 0171176          | 10/02/91      | BONE REPAIR USING COLLAGEN                           |
| 20082.43<br>83-052<br>JP    | JAPAN            | 60149101         | 07/06/85       | 1665195          | 04/11/91      | METHOD OF BONE REPAIR USING<br>COLLAGEN              |

**EXHIBIT A**

| <b>Atty. Ref<br/>Client Ref.</b> | <b>Country</b>   | <b>Serial<br/>Number</b> | <b>Filing<br/>Date</b> | <b>Patent<br/>Number</b> | <b>Issue<br/>Date</b> | <b>Title</b>   |
|----------------------------------|------------------|--------------------------|------------------------|--------------------------|-----------------------|--|
| 20082.48<br>83-052<br>FR         | FRANCE           | 85304757.9               | 07/03/85               | 0171176                  | 10/02/91              | BONE REPAIR USING COLLAGEN                                   |
| 20082.49<br>83-052<br>DE         | GERMANY          | 85304757.9               | 07/03/85               | P3584274.1               | 10/02/91              | BONE REPAIR USING COLLAGEN                                   |
| 20082.50<br>83-052<br>GB         | GREAT<br>BRITAIN | 85304757.9               | 07/03/85               | 0171176                  | 10/02/91              | BONE REPAIR USING COLLAGEN                                   |
| 20082.51<br>83-052<br>IT         | ITALY            | 85304757.9               | 07/03/85               | 0171176                  | 10/02/91              | BONE REPAIR USING COLLAGEN                                   |
| 20082.56<br>83-052<br>EP D1      | EUROPE           | 91200300.1               | 07/03/85               | 0429438                  | 08/28/96              | METHODS OF BONE REPAIR USING<br>COLLAGEN                     |
| 20082.57<br>83-052<br>FR D1      | FRANCE           | 91200300.1               | 07/03/85               | 0429438                  | 08/28/96              | METHODS OF BONE REPAIR USING<br>COLLAGEN                     |
| 20082.58<br>83-052<br>GB D1      | GREAT<br>BRITAIN | 912003001                | 07/03/85               | 0429438                  | 08/28/96              | METHODS OF BONE REPAIR USING<br>COLLAGEN                     |
| 20082.59<br>83-052<br>DE D1      | GERMANY          | 91200300.1               | 07/03/85               | P35881208                | 08/28/96              | METHODS OF BONE REPAIR USING<br>COLLAGEN                     |
| 20082.60<br>83-052<br>IT D1      | ITALY            | 912003001                | 07/03/85               | 0429438                  | 08/28/96              | METHODS OF BONE REPAIR USING<br>COLLAGEN                     |
| 20092.00<br>83-059               | UNITED<br>STATES | 06715,098                | 03/22/85               | 4,642,117                | 02/10/87              | MECHANICALLY SHEARED COLLAGEN<br>IMPLANT MATERIAL AND METHOD |
| 20092.40<br>83-059<br>AU         | AUSTRALIA        | 55022/86                 | 03/21/86               | 581588                   | 05/31/89              | MECHANICALLY SHEARED COLLAGEN<br>IMPLANT MATERIAL AND METHOD |
| 20092.41<br>83-059<br>CA         | CANADA           | 504694                   | 03/21/86               | 1254137                  | 05/16/89              | MECHANICALLY SHEARED COLLAGEN<br>IMPLANT MATERIAL AND METHOD |
| 20092.42<br>83-059<br>EP         | EUROPE           | 86302055.8               | 03/20/86               | 0196197                  | 07/24/91              | COLLAGEN IMPLANT MATERIAL AND<br>METHOD OF PREPARING IT      |
| 20092.43<br>83-059<br>JP         | JAPAN            | 6163861                  | 03/20/86               | 1885643                  | 11/22/94              | MECHANICALLY SHEARED COLLAGEN<br>IMPLANT MATERIAL AND METHOD |
| 20092.44<br>83-059<br>AT         | AUSTRIA          | 86302055.8               | 03/20/86               | 0196197                  | 07/24/91              | COLLAGEN IMPLANT MATERIAL AND<br>METHOD OF PREPARING IT      |
| 20092.45<br>83-059<br>BE         | BELGIUM          | 86302055.8               | 03/20/86               | 0196197                  | 07/24/91              | COLLAGEN IMPLANT MATERIAL AND<br>METHOD OF PREPARING IT      |
| 20092.46<br>83-059<br>FR         | FRANCE           | 86302055.8               | 03/20/86               | 0196197                  | 07/24/91              | COLLAGEN IMPLANT MATERIAL AND<br>METHOD OF PREPARING IT      |

**EXHIBIT A**

| Atty. Ref<br>Client Ref.       | Country          | Serial<br>Number | Filing<br>Date | Patent<br>Number | Issue<br>Date | Title   |
|--------------------------------|------------------|------------------|----------------|------------------|---------------|---|
| 20092.47<br>83-059<br>GB       | GREAT<br>BRITAIN | 86302055.8       | 03/20/86       | 0196197          | 07/24/91      | COLLAGEN IMPLANT MATERIAL AND<br>METHOD OF PREPARING IT                                   |
| 20092.48<br>83-059<br>DE       | GERMANY          | 86302055.8       | 03/20/86       | P3680366.9       | 07/24/91      | COLLAGEN IMPLANT MATERIAL AND<br>METHOD OF PREPARING IT                                   |
| 20092.49<br>83-059<br>IT       | ITALY            | 86302055.8       | 03/20/86       | 0196197          | 07/24/91      | COLLAGEN IMPLANT MATERIAL AND<br>METHOD OF PREPARING IT                                   |
| 20092.50<br>83-059<br>LU       | LUXEM-<br>BOURG  | 86302055.8       | 03/20/86       | 0196197          | 07/24/91      | COLLAGEN IMPLANT MATERIAL AND<br>METHOD OF PREPARING IT                                   |
| 20092.51<br>83-059<br>NL       | NETHER-<br>LANDS | 86302055.8       | 03/20/86       | 0196197          | 07/24/91      | COLLAGEN IMPLANT MATERIAL AND<br>METHOD OF PREPARING IT                                   |
| 20092.52<br>83-059<br>SE       | SWEDEN           | 86302055.8       | 03/20/86       | 0196197          | 07/24/91      | COLLAGEN IMPLANT MATERIAL AND<br>METHOD OF PREPARING IT                                   |
| 20092.53<br>83-059<br>CH       | SWITZER-<br>LAND | 863020558        | 03/20/86       | 0196197          | 07/24/91      | COLLAGEN IMPLANT MATERIAL AND<br>METHOD OF PREPARING IT                                   |
| 20105.01<br>83-065<br>US C1    | UNITED<br>STATES | 07/629,074       | 12/17/90       | 5,246,457        | 09/21/93      | XENOGENEIC COLLAGEN/MINERAL<br>PREPARATIONS IN BONE REPAIR                                |
| 20105.10<br>83-065<br>US D1    | UNITED<br>STATES | 07/245,449       | 09/16/88       | 4,992,226        | 02/12/91      | METHOD OF MAKING MOLDS WITH<br>XENOGENEIC COLLAGEN/MINERAL<br>PREPARATIONS IN BONE REPAIR |
| 20105.11<br>83-065 D2<br>US D2 | UNITED<br>STATES | 08/099,610       | 07/30/93       | 5,425,770        | 06/20/95      | PROCESS TO PREPARE COMPOSITIONS<br>FOR USE IN BONE REPAIR                                 |
| 20105.20<br>83-065<br>US C2    | UNITED<br>STATES | 06/848,443       | 04/04/86       | 4,795,467        | 01/03/89      | XENOGENEIC COLLAGEN/MINERAL<br>PREPARATIONS IN BONE REPAIR                                |
| 20105.40<br>83-065<br>AU       | AUSTRALIA        | 5555386          | 03/27/86       | 582225           | 03/27/86      | XENOGENEIC COLLAGEN/MINERAL<br>PREPARATIONS   |
| 20105.41<br>83-065<br>CA       | CANADA           | 504,692          | 03/21/86       | 1260391          | 09/26/89      | XENOGENEIC COLLAGEN/MINERAL<br>PREPARATIONS IN BONE REPAIR                                |
| 20105.42<br>83-065<br>EP       | EUROPE           | 86302147.3       | 03/24/86       | 0197693          | 10/23/91      | XENOGENEIC COLLAGEN/MINERAL<br>PREPARATIONS IN BONE REPAIR                                |
| 20105.43<br>83-065<br>JP       | JAPAN            | 61-72407         | 03/28/86       | 1752927          | 04/23/93      | XENOGENEIC COLLAGEN/MINERAL<br>PREPARATIONS IN BONE REPAIR                                |
| 20105.44<br>83-065<br>AT       | AUSTRIA          | 86302147.3       | 03/24/86       | 0197693          | 10/23/91      | XENOGENEIC COLLAGEN/MINERAL<br>PREPARATIONS IN BONE REPAIR                                |
| 20105.45<br>83-065<br>BE       | BELGIUM          | 86302147.3       | 03/24/86       | 0197693          | 10/23/91      | XENOGENEIC COLLAGEN/MINERAL<br>PREPARATIONS IN BONE REPAIR                                |

**EXHIBIT A**

| <b>Atty. Ref</b>           | <b>Client Ref.</b> | <b>Country</b> | <b>Serial Number</b> | <b>Filing Date</b> | <b>Patent Number</b> | <b>Issue Date</b> | <b>Title</b>   |
|----------------------------|--------------------|----------------|----------------------|--------------------|----------------------|-------------------|--|
| 20105.46<br>83-065<br>FR   |                    | FRANCE         | 86302147.3           | 03/24/86           | 0197693              | 10/23/91          | XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR      |
| 20105.47<br>83-065<br>DE   |                    | GERMANY        | 86302147.3           | 03/24/86           | 0197693              | 10/23/91          | XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR      |
| 20105.48<br>83-065<br>GB   |                    | GREAT BRITAIN  | 86302147.3           | 03/24/86           | 0197693              | 10/23/91          | XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR      |
| 20105.49<br>83-065<br>IT   |                    | ITALY          | 86302147.3           | 03/24/86           | 0197693              | 10/23/91          | XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR      |
| 20105.50<br>83-065<br>LU   |                    | LUXEM-BOURG    | 86302147.3           | 03/24/86           | 0197693              | 10/23/91          | XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR      |
| 20105.51<br>83-065<br>NL   |                    | NETHER-LANDS   | 86302147.3           | 03/24/86           | 0197693              | 10/23/91          | XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR      |
| 20105.52<br>83-065<br>SE   |                    | SWEDEN         | 86302147.3           | 03/24/86           | 0197693              | 10/23/91          | XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR      |
| 20105.53<br>83-065<br>CH   |                    | SWITZER-LAND   | 86302147.3           | 03/24/86           | 0197693              | 10/23/91          | XENOGENEIC COLLAGEN/MINERAL PREPARATIONS IN BONE REPAIR      |
| 20121.45<br>83-060<br>CA   |                    | CANADA         | 578329               | 09/23/88           | 1335177              | 04/11/95          | INDUCTIVE COLLAGEN-BASED BONE REPAIR PREPARATION             |
| 20128.41<br>84-070<br>CA   |                    | CANADA         | 485572               | 06/27/85           | 1260650              | 09/26/89          | PROCESS FOR PREPARING MALLEABLE COLLAGEN AND PRODUCT THEREOF |
| 20133.00<br>84-070-B<br>US |                    | UNITED STATES  | 06/685,350           | 12/24/84           | 4,600,533            | 07/15/86          | COLLAGEN MEMBRANES FOR MEDICAL USE                           |
| 20133.10<br>84-070-B<br>US |                    | UNITED STATES  | 06/840,312           | 03/13/86           | 4,689,399            | 08/25/87          | COLLAGEN MEMBRANES FOR MEDICAL USE                           |
| 20133.11<br>84-070-B<br>US |                    | UNITED STATES  | 06/839,793           | 03/13/86           | 4,655,980            | 04/07/87          | PROCESS OF MAKING COLLAGEN MEMBRANES FOR MEDICAL USE         |
| 20133.20<br>84-070-B<br>US |                    | UNITED STATES  | 06/825,812           | 02/04/86           | 4,725,671            | 02/16/88          | COLLAGEN MEMBRANES FOR MEDICAL USE                           |
| 20133.40<br>84-070-B<br>AU |                    | AUSTRALIA      | 5160285              | 12/23/85           | 588560               | 01/29/90          | COLLAGEN MEMBRANES FOR MEDICAL USE                           |
| 20133.41<br>84-070-B<br>CA |                    | CANADA         | 496824               | 12/04/85           | 1234801              | 04/05/88          | COLLAGEN MEMBRANES FOR MEDICAL USE                           |

**EXHIBIT A**

| <b>Atty. Ref</b>           | <b>Client Ref.</b> | <b>Country</b> | <b>Serial Number</b> | <b>Filing Date</b> | <b>Patent Number</b> | <b>Issue Date</b> | <b>Title</b>   |
|----------------------------|--------------------|----------------|----------------------|--------------------|----------------------|-------------------|--|
| 20133.42<br>84-70-B<br>EP  |                    | EUROPE         | 85309194.0           | 12/17/85           | 0187014              | 05/29/91          | PROCESS FOR MAKING COLLAGEN MEMBRANES FOR MEDICAL USE              |
| 20133.43<br>84-070-B<br>JP |                    | JAPAN          | 60299622             | 12/24/85           | 1737073              | 02/26/93          | COLLAGEN MEMBRANES FOR MEDICAL USE                                 |
| 20133.44<br>84-070-B<br>EP |                    | EUROPE         | 902000454            | 12/17/85           | 0376931              | 06/15/94          | PROCESS FOR MAKING COLLAGEN MEMBRANOUS MATERIALS FOR MEDICAL USE   |
| 20133.47<br>84-070-B<br>FR |                    | FRANCE         | 85309194.0           | 12/17/85           | 0187014              | 05/29/91          | PROCESS FOR MAKING COLLAGEN MEMBRANES FOR MEDICAL USE              |
| 20133.48<br>84-070-B<br>DE |                    | GERMANY        | 85309194.0           | 12/17/85           | P35830123            | 05/29/91          | PROCESS FOR MAKING COLLAGEN MEMBRANES FOR MEDICAL USE              |
| 20133.49<br>84-070-B<br>GB |                    | GREAT BRITAIN  | 85309194.0           | 12/17/85           | 0187014              | 05/29/91          | PROCESS FOR MAKING COLLAGEN MEMBRANES FOR MEDICAL USE              |
| 20133.50<br>84-070-B<br>IT |                    | ITALY          | 85309194.0           | 12/17/85           | 0187014              | 05/29/91          | PROCESS FOR MAKING COLLAGEN MEMBRANES FOR MEDICAL USE              |
| 20133.59<br>84-070-B<br>DE |                    | GERMANY        | 90200045.4           | 12/17/85           | P3587857.6           | 06/15/94          | PROCESS FOR MAKING COLLAGEN MEMBRANES FOR MEDICAL USE              |
| 20133.60<br>84-070-B<br>FR |                    | FRANCE         | 90200045.4           | 12/17/85           | 0376931              | 06/15/94          | PROCESS FOR MAKING COLLAGEN MEMBRANES FOR MEDICAL USE              |
| 20133.61<br>84-070-B<br>GB |                    | GREAT BRITAIN  | 90200045.4           | 12/17/85           | 0376931              | 06/15/94          | PROCESS FOR MAKING COLLAGEN MEMBRANES FOR MEDICAL USE              |
| 20133.62<br>84-070-B<br>IT |                    | ITALY          | 90200045.4           | 12/17/85           | 0376931              | 06/15/94          | PROCESS FOR MAKING COLLAGEN MEMBRANES FOR MEDICAL USE              |
| 20156.00<br>84-069<br>US   |                    | UNITED STATES  | 06/829,809           | 02/14/86           | 4,774,227            | 09/27/88          | COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTogeneic MARROW |
| 20156.40<br>84-069<br>AU   |                    | AUSTRALIA      | 68801/87             | 02/13/87           | 614700               | 01/08/92          | COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTogeneic MARROW |
| 20156.41<br>84-069<br>CA   |                    | CANADA         | 529,551              | 02/12/87           | 1,279,010            | 01/15/91          | COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTogeneic MARROW |
| 20156.42<br>84-069<br>EP   |                    | EUROPE         | 87301315.5           | 02/16/87           | 0233770              | 05/09/90          | COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTogeneic MARROW |
| 20156.43<br>84-069<br>JP   |                    | JAPAN          | 6232280              | 02/13/87           | 1748399              | 04/08/93          | COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTogeneic MARROW |
| 20156.45<br>84-069<br>AT   |                    | AUSTRIA        | 87301315.5           | 02/16/87           | 0233770              | 05/09/90          | COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTogeneic MARROW |

**EXHIBIT A**

| Atty. Ref<br>Client Ref. | Country          | Serial<br>Number | Filing<br>Date | Patent<br>Number | Issue<br>Date | Title  |
|--------------------------|------------------|------------------|----------------|------------------|---------------|--|
| 20156.46<br>84-069<br>BE | BELGIUM          | 87301315.5       | 02/16/87       | 0233770          | 05/09/90      | COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW |
| 20156.47<br>84-069<br>DE | GERMANY          | 87301315.5       | 02/16/87       | P3762569.1       | 05/09/90      | COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW |
| 20156.48<br>84-069<br>FR | FRANCE           | 87301315.5       | 02/16/87       | 0233770          | 05/09/90      | COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW |
| 20156.49<br>84-069<br>GB | GREAT<br>BRITAIN | 87301315.5       | 02/16/87       | 0233770          | 05/09/90      | COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW |
| 20156.50<br>84-069<br>GR | GREECE           | 87301315.5       | 02/16/87       | 3000691          | 05/09/90      | COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW |
| 20156.51<br>84-069<br>IT | ITALY            | 87301315.5       | 02/16/87       | 0233770          | 05/09/90      | COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW |
| 20156.52<br>84-069<br>LU | LUXEM-<br>BOURG  | 87301315.5       | 02/16/87       | 0233770          | 05/09/90      | COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW |
| 20156.53<br>84-069<br>NL | NETHER-<br>LANDS | 87301315.5       | 02/16/87       | 0233770          | 05/09/90      | COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW |
| 20156.54<br>84-069<br>ES | SPAIN            | 87301315.5       | 02/16/87       | 0233770          | 05/09/90      | COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW |
| 20156.55<br>84-069<br>SE | SWEDEN           | 87301315.5       | 02/16/87       | 0233770          | 05/09/90      | COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW |
| 20156.56<br>84-069<br>CH | SWITZER-<br>LAND | 87301315.5       | 02/16/87       | P 233770.8       | 05/09/90      | COLLAGEN COMPOSITIONS FOR BONE REPAIR CONTAINING AUTOGENEIC MARROW |
| 20181.00<br>85-109<br>US | UNITED<br>STATES | 07/133,532       | 12/16/87       | 4,863,732        | 09/05/89      | INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR                   |
| 20181.40<br>85-109<br>AU | AUSTRALIA        | 27083/88         | 12/15/88       | 614908           | 03/25/92      | INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR                   |
| 20181.41<br>85-109<br>CA | CANADA           | 585756           | 12/13/88       | 1327312          | 03/01/94      | INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR                   |
| 20181.42<br>85-109<br>EP | EUROPE           | 88311935.6       | 12/16/88       | 0321277          | 03/25/92      | AN INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR                |
| 20181.44<br>85-109<br>AT | AUSTRIA          | 88311935.6       | 12/16/88       | 0321277          | 03/25/92      | INJECTABLE COMPOSITION FOR INDUCTIVE BONE REPAIR                   |

**EXHIBIT A**

| <b>Atty. Ref<br/>Client Ref.</b> | <b>Country</b>   | <b>Serial<br/>Number</b> | <b>Filing<br/>Date</b> | <b>Patent<br/>Number</b> | <b>Issue<br/>Date</b> | <b>Title</b>  |
|----------------------------------|------------------|--------------------------|------------------------|--------------------------|-----------------------|---|
| 20181.45<br>85-109<br>BE         | BELGIUM          | 88311935.6               | 12/16/88               | 0321277                  | 03/25/92              | INJECTABLE COMPOSITION FOR<br>INDUCTIVE BONE REPAIR                       |
| 20181.46<br>85-109<br>FR         | FRANCE           | 88311935.6               | 12/16/88               | 0321277                  | 03/25/92              | INJECTABLE COMPOSITION FOR<br>INDUCTIVE BONE REPAIR                       |
| 20181.47<br>85-109<br>DE         | GERMANY          | 88311935.6               | 12/16/88               | P3869577.4               | 03/25/92              | INJECTABLE COMPOSITION FOR<br>INDUCTIVE BONE REPAIR                       |
| 20181.48<br>85-109<br>GB         | GREAT<br>BRITAIN | 88311935.6               | 12/16/88               | 0321277                  | 03/25/92              | INJECTABLE COMPOSITION FOR<br>INDUCTIVE BONE REPAIR                       |
| 20181.49<br>85-109<br>GR         | GREECE           | 88311935.6               | 12/16/88               | 3004819                  | 03/25/92              | INJECTABLE COMPOSITION FOR<br>INDUCTIVE BONE REPAIR                       |
| 20181.50<br>85-109<br>IT         | ITALY            | 88311935.6               | 12/16/88               | 0321277                  | 03/25/92              | INJECTABLE COMPOSITION FOR<br>INDUCTIVE BONE REPAIR                       |
| 20181.51<br>85-109<br>LU         | LUXEM-<br>BOURG  | 88311935.6               | 12/16/88               | 0321277                  | 03/25/92              | INJECTABLE COMPOSITION FOR<br>INDUCTIVE BONE REPAIR                       |
| 20181.52<br>85-109<br>NL         | NETHER-<br>LANDS | 88311935.6               | 12/16/88               | 0321277                  | 03/25/92              | INJECTABLE COMPOSITION FOR<br>INDUCTIVE BONE REPAIR                       |
| 20181.53<br>85-109<br>ES         | SPAIN            | 88311935.6               | 12/16/88               | 0321277                  | 03/25/92              | INJECTABLE COMPOSITION FOR<br>INDUCTIVE BONE REPAIR                       |
| 20181.54<br>85-109<br>SE         | SWEDEN           | 88311935.6               | 12/16/88               | 0321277                  | 03/25/92              | INJECTABLE COMPOSITION FOR<br>INDUCTIVE BONE REPAIR                       |
| 20181.55<br>85-109<br>CH         | SWITZER-<br>LAND | 88311935.6               | 12/16/88               | 0321277                  | 03/25/92              | INJECTABLE COMPOSITION FOR<br>INDUCTIVE BONE REPAIR                       |
| 20182.00<br>84-087<br>US         | UNITED<br>STATES | 06/788,928               | 10/18/85               | 4,671,794                | 06/09/87              | LARYNGEAL INJECTOR  |
| 20183.00<br>88-167<br>US         | UNITED<br>STATES | 07/213,726               | 06/30/88               | 5,024,841                | 06/18/91              | COLLAGEN WOUND HEALING MATRICES<br>AND PROCESS FOR THEIR PRODUCTION       |
| 20183.10<br>88-167<br>US D1      | UNITED<br>STATES | 07/630,299               | 12/19/90               | 5,110,604                | 05/05/92              | PROCESSES FOR PRODUCING COLLAGEN<br>MATRIXES AND METHODS OF USING<br>SAME |
| 20183.11<br>88-167<br>US D2      | UNITED<br>STATES | 07/801,732               | 12/03/91               | 5,219,576                | 06/15/93              | COLLAGEN WOUND HEALING MATRICES<br>AND PROCESS FOR THEIR PRODUCTION       |
| 20183.20<br>88-167<br>US         | UNITED<br>STATES | 07/286,303               | 12/16/88               | 4,950,483                | 08/21/90              | COLLAGEN WOUND HEALING MATRICES<br>AND PROCESS FOR THEIR PRODUCTION       |
| 20183.40<br>88-167<br>CA         | CANADA           | 604382                   | 06/29/89               | 1339007                  | 03/25/97              | COLLAGEN WOUND HEALING MATRICES<br>AND PROCESS FOR THEIR PRODUCTION       |

**EXHIBIT A**

| Atty. Ref<br>Client Ref. | Country          | Serial<br>Number | Filing<br>Date | Patent<br>Number | Issue<br>Date | Title  |
|--------------------------|------------------|------------------|----------------|------------------|---------------|--|
| 20183.42<br>88-167<br>AU | AUSTRALIA        | 39646/89         | 06/28/89       | 623163           | 08/31/92      | COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION |
| 20183.43<br>88-167<br>EP | EUROPE           | 899081194        | 06/28/89       | 0428541          | 08/30/95      | COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION |
| 20183.44<br>88-167<br>JP | JAPAN            | 1507652          | 06/28/89       |                  | 08/30/95      | COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION |
| 20183.45<br>88-167<br>AT | AUSTRIA          | 899081194        | 06/28/89       | 0428541          | 08/30/95      | COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION |
| 20183.46<br>88-167<br>BE | BELGIUM          | 89908119.4       | 06/28/89       | 0428541          | 08/30/95      | COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION |
| 20183.47<br>88-167<br>CH | SWITZER-<br>LAND | 89908119.4       | 06/28/89       | 0428541          | 08/30/95      | COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION |
| 20183.48<br>88-167<br>DE | GERMANY          | 89908119.4       | 06/28/89       | P689240694       | 08/30/95      | COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION |
| 20183.49<br>88-167<br>FR | FRANCE           | 89908119.4       | 06/28/89       | 0428541          | 08/30/95      | COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION |
| 20183.50<br>88-167<br>GB | GREAT<br>BRITAIN | 89908119.4       | 06/28/89       | 0428541          | 08/30/95      | COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION |
| 20183.51<br>88-167<br>IT | ITALY            | 89908119.4       | 06/28/89       | 0428541          | 08/30/95      | COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION |
| 20183.52<br>88-167<br>LU | LUXEM-<br>BOURG  | 89908119.4       | 06/28/89       | 428541           | 08/30/95      | COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION |
| 20183.53<br>88-167<br>NL | NETHER-<br>LANDS | 89908119.4       | 06/28/89       | 428541           | 08/30/95      | COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION |
| 20183.54<br>88-167<br>SE | SWEDEN           | 89908119.4       | 06/28/89       | 0428541          | 08/30/95      | COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION |
| 20185.00<br>85-118<br>US | UNITED<br>STATES | 06/878,418       | 06/25/86       | 4,803,075        | 02/07/89      | INJECTABLE IMPLANT COMPOSITION HAVING IMPROVED INTRUDABILITY     |
| 20185.43<br>85-118<br>JP | JAPAN            | 62137608         | 05/29/87       | 1899011          | 01/23/95      | INJECTABLE IMPLANT COMPOSITION HAVING IMPROVED INTRUDABILITY     |
| 20188.00<br>85-112       | UNITED<br>STATES | 06/912,985       | 09/29/86       | 4,743,229        | 05/10/88      | COLLAGEN/MINERAL/MIXING DEVICE AND METHOD                        |
| 20189.40<br>85-123<br>AU | AUSTRALIA        | 71856/87         | 04/22/87       | 593094           | 05/31/90      | MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR            |

**EXHIBIT A**

| Atty. Ref<br>Client Ref. | Country          | Serial<br>Number | Filing<br>Date | Patent<br>Number | Issue<br>Date | Title   |
|--------------------------|------------------|------------------|----------------|------------------|---------------|---|
| 20189.41<br>85-123<br>CA | CANADA           | 635170           | 04/21/87       | 1,294,876        | 01/28/92      | MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR   |
| 20189.42<br>85-123<br>EP | EUROPE           | 87303548.9       | 04/22/87       | 0243178          | 06/19/91      | A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR |
| 20189.43<br>85-123<br>JP | JAPAN            | 62099615         | 04/22/87       | 1871134          | 09/06/94      | A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR |
| 20189.44<br>85-123<br>AT | AUSTRIA          | 87303548.9       | 04/22/87       | 0243178          | 06/19/91      | A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR |
| 20189.45<br>85-123<br>BE | BELGIUM          | 87303548.9       | 04/22/87       | 0243178          | 06/19/91      | A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR |
| 20189.46<br>85-123<br>FR | FRANCE           | 87303548.9       | 04/22/87       | 0243178          | 06/19/91      | A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR |
| 20189.47<br>85-123<br>DE | GERMANY          | 87303548.9       | 04/22/87       | P3770862.7       | 06/20/91      | A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR |
| 20189.48<br>85-123<br>GB | GREAT<br>BRITAIN | 87303548.9       | 04/22/87       | 0243178          | 06/19/91      | A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR |
| 20189.49<br>85-123<br>GR | GREECE           | 87303548.9       | 04/22/87       | 910400841        | 06/20/91      | A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR |
| 20189.50<br>85-123<br>IT | ITALY            | 87303548.9       | 04/22/87       | 0243178          | 06/19/91      | A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR |
| 20189.51<br>85-123<br>LU | LUXEM-<br>BOURG  | 87303548.9       | 04/22/87       | 0243178          | 06/19/91      | A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR |
| 20189.52<br>85-123<br>NL | NETHER-<br>LANDS | 87303548.9       | 04/22/87       | 0243178          | 06/19/91      | A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR |
| 20189.53<br>85-123<br>SE | SWEDEN           | 87303548.9       | 04/22/87       | 0243178          | 06/19/91      | A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR |
| 20189.54<br>85-123<br>CH | SWITZER-<br>LAND | 87303548.9       | 04/22/87       | 0243178          | 06/19/91      | A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR |
| 20189.55<br>85-123<br>ES | SPAIN            | 87303548.9       | 04/22/87       | 0243178          | 06/19/91      | A MARROW/COLLAGEN/MINERAL MATRIX FOR BONE DEFECT REPAIR |
| 20192.00<br>85-116<br>US | UNITED<br>STATES | 06/928,306       | 11/06/86       | 4,865,602        | 09/12/89      | GAMMA IRRADIATION OF<br>COLLAGEN/MINERAL MIXTURES       |

**EXHIBIT A**

| <b>Atty. Ref</b>            | <b>Client Ref.</b> | <b>Country</b> | <b>Serial Number</b> | <b>Filing Date</b> | <b>Patent Number</b> | <b>Issue Date</b> | <b>Title</b>                                   |
|-----------------------------|--------------------|----------------|----------------------|--------------------|----------------------|-------------------|--|
| 20192.10<br>85-116<br>US D1 |                    | UNITED STATES  | 07/647,758           | 01/29/91           | 5,123,925            | 06/23/92          | GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES |
| 20192.20<br>85-116<br>US C1 |                    | UNITED STATES  | 07/356,453           | 05/24/89           | 5,035,715            | 07/30/91          | GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES |
| 20192.40<br>85-116<br>AU    |                    | AUSTRALIA      | 8068087              | 11/04/87           | 603744               | 03/19/91          | GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES |
| 20192.41<br>85-116<br>CA    |                    | CANADA         | 550940               | 11/03/87           | 1310918              | 12/01/92          | GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES |
| 20192.42<br>85-116<br>JP    |                    | JAPAN          | 62-281930            | 11/06/87           | 1882498              | 11/10/94          | GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES |
| 20192.43<br>85-116<br>EP    |                    | EUROPE         | 87309810.7           | 11/05/87           | 0270254              | 03/10/93          | GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES |
| 20192.44<br>85-116<br>JP D1 |                    | JAPAN          | 03343582             | 11/06/87           | 1901006              | 01/27/95          | GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES |
| 20192.45<br>85-116<br>CA D1 |                    | CANADA         | 616394               | 06/02/92           | 1320451              | 07/20/93          | GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES |
| 20192.46<br>85-116<br>AT    |                    | AUSTRIA        | 87309810.7           | 11/05/87           | 0270254              | 08/10/93          | GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES |
| 20192.47<br>85-116<br>BE    |                    | BELGIUM        | 87309810.7           | 11/05/87           | 0270254              | 03/10/93          | GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES |
| 20192.48<br>85-116<br>FR    |                    | FRANCE         | 87309810.7           | 11/05/87           | 0270254              | 03/10/93          | GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES |
| 20192.49<br>85-116<br>DE    |                    | GERMANY        | 87309810.7           | 11/05/87           | P37846469            | 03/10/93          | GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES |
| 20192.50<br>85-116<br>GR    |                    | GREECE         | 87309810.7           | 11/05/87           | 3007382              | 03/16/93          | GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES |
| 20192.51<br>85-116<br>IT    |                    | ITALY          | 87309810.7           | 11/05/87           | 0270254              | 03/10/93          | GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES |
| 20192.52<br>85-116<br>LU    |                    | LUXEM-BOURG    | 87309810.7           | 11/05/87           | 0270254              | 03/10/93          | GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES |
| 20192.53<br>85-116<br>NL    |                    | NETHER-LANDS   | 87309810.7           | 11/05/87           | 0270254              | 03/10/93          | GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES |

**EXHIBIT A**

| <b>Atty. Ref</b>            | <b>Client Ref.</b> | <b>Country</b> | <b>Serial Number</b> | <b>Filing Date</b> | <b>Patent Number</b> | <b>Issue Date</b> | <b>Title</b>   |
|-----------------------------|--------------------|----------------|----------------------|--------------------|----------------------|-------------------|--|
| 20192.54<br>85-116<br>ES    |                    | SPAIN          | 87309810.7           | 11/05/87           | 0270254              | 03/10/93          | GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES                   |
| 20192.55<br>85-116<br>SE    |                    | SWEDEN         | 87309810.7           | 11/05/87           | 0270254              | 03/10/93          | GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES                   |
| 20192.56<br>85-116<br>CH    |                    | SWITZER-LAND   | 873098107            | 11/05/87           | 0270254              | 03/10/93          | GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES                   |
| 20192.57<br>85-116<br>GB    |                    | GREAT BRITAIN  | 873098107            | 11/05/87           | 0270254              | 03/10/93          | GAMMA IRRADIATION OF COLLAGEN/MINERAL MIXTURES                   |
| 20198.00<br>85-095<br>US    |                    | UNITED STATES  | 07/035,277           | 04/03/87           | 4,776,890            | 10/11/88          | PREPARATION OF A COLLAGEN HYDROXYLAPATITE MATRIX FOR BONE REPAIR |
| 20237.10<br>88-176<br>US D1 |                    | UNITED STATES  | 07/930,142           | 08/14/92           | 5,264,214            | 11/23/93          | COMPOSITION FOR BONE REPAIR                                      |
| 20237.11<br>88-176<br>US D2 |                    | UNITED STATES  | 07/998,802           | 12/30/92           | 5,304,595            | 04/19/94          | COLLAGEN-POLYMER CONJUGATES                                      |
| 20237.12<br>88-176<br>US D3 |                    | UNITED STATES  | 08/110,577           | 08/23/93           | 5,306,500            | 04/26/94          | METHOD OF AUGMENTING TISSUE WITH COLLAGEN-POLYMER CONJUGATES     |
| 20237.13<br>88-176<br>US D4 |                    | UNITED STATES  | 08/177,578           | 01/05/94           | 5,376,375            | 12/27/94          | METHOD OF AUGMENTING TISSUE USING COLLAGEN-POLYMER CONJUGATES    |
| 20237.14<br>88-176<br>US D5 |                    | UNITED STATES  | 08/198,128           | 02/17/94           | 5,413,791            | 05/09/95          | COLLAGEN-POLYMER CONJUGATES                                      |
| 20237.15<br>88-176<br>US D6 |                    | UNITED STATES  | 08/292,415           | 08/18/94           | 5,523,348            | 06/04/96          | METHOD OF PREPARING COLLAGEN-POLYMER CONJUGATES                  |
| 20237.16<br>88-176<br>US D7 |                    | UNITED STATES  | 08/368,874           | 01/05/95           | 5,446,091            | 08/29/95          | COLLAGEN-POLYMER CONJUGATES CONTAINING AN ETHER LINKAGE          |
| 20237.17<br>88-176<br>US D8 |                    | UNITED STATES  | 08/427,576           | 04/24/95           | 5,543,441            | 08/06/96          | COLLAGEN-POLYMER CONJUGATES                                      |
| 20237.19<br>88-176<br>US    |                    | UNITED STATES  | 08/478,510           | 06/07/95           | 4,550,188            | 08/27/96          | OPHTHALMIC DEVICES COMPRISING COLLAGEN-POLYMER CONJUGATES        |
| 25237.10<br>93-005<br>US D1 |                    | UNITED STATES  | 08/434,958           | 05/04/95           | 5,510,121            | 04/23/96          | GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES                   |
| 25237.11<br>93-005<br>US D2 |                    | UNITED STATES  | 08/433,656           | 05/04/95           | 5,470,911            | 11/28/95          | GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES                   |
| 25237.12<br>93-005<br>US D3 |                    | UNITED STATES  | 08/434,725           | 05/04/95           | 5,476,666            | 12/19/95          | GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES                   |

## EXHIBIT A

| Atty. Ref<br>Client Ref.    | Country       | Serial<br>Number | Filing<br>Date | Patent<br>Number | Issue<br>Date | Title  |
|-----------------------------|---------------|------------------|----------------|------------------|---------------|--|
| 20237.20<br>88-176<br>US C1 | UNITED STATES | 07/433,441       | 11/14/89       | 5,162,430        | 11/10/92      | COLLAGEN-POLYMER CONJUGATES  |
| 20237.21<br>88-176<br>US C2 | UNITED STATES | 07/922,541       | 07/30/92       | 5,328,955        | 07/12/94      | COLLAGEN-POLYMER CONJUGATES  |
| 20237.22<br>88-176<br>US C3 | UNITED STATES | 07/907,518       | 07/02/92       | 5,324,775        | 06/28/94      | BIOLOGICALLY INERT, BIOCOMPATIBLE-POLYMER CONJUGATES   |
| 20237.24<br>88-176<br>US C5 | UNITED STATES | 07/984,197       | 12/02/92       | 5,308,889        | 05/03/94      | DEHYDRATED COLLAGEN-POLYMER STRINGS  |
| 20237.25<br>88-176<br>US C6 | UNITED STATES | 07/985,680       | 12/02/92       | 5,292,802        | 03/08/94      | COLLAGEN-POLYMER TUBES FOR USE IN VASCULAR SURGERY   |
| 20237.27<br>93-005<br>US    | UNITED STATES | 08/146,843       | 11/03/93       | 5,510,418        | 04/23/96      | GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES   |
| 20237.28<br>88-176<br>CIP9  | UNITED STATES | 08/147,227       | 11/03/93       | 5,565,519        | 10/15/96      | CLEAR, CHEMICALLY MODIFIED COLLAGEN-SYNTHETIC POLYMER CONJUGATES FOR OPHTHALMIC APPLICATIONS |
| 20237.40<br>88-176<br>CA    | CANADA        | 2,003,538        | 11/21/89       |                  |               | COLLAGEN-POLYMER CONJUGATES  |
| 20237.42<br>88-176<br>AU    | AUSTRALIA     | 46609/89         | 11/21/89       | 638687           | 11/01/93      | COLLAGEN-POLYMER CONJUGATES  |
| 20237.43<br>88-176<br>EP    | EUROPE        | 90901254.4       | 11/21/89       |                  |               | COLLAGEN-POLYMER CONJUGATES  |
| 20237.44<br>88-176<br>JP    | JAPAN         | 2501327          | 11/21/89       | 2505312          | 04/02/96      | COLLAGEN-POLYMER CONJUGATES  |
| 20237.46<br>88-176<br>AU2   | AUSTRALIA     | 46620/93         | 07/01/93       | 677,789          | 08/29/97      | BIOCOPATIBLE POLYMER CONJUGATES  |
| 20237.48<br>88-176<br>JP 2  | JAPAN         | 6-503427         | 07/01/93       |                  |               | BIOCOPATIBLE POLYMER CONJUGATES  |
| 20237.49<br>88-176<br>CA    | CANADA        | 2,134,744        | 10/31/94       |                  |               | CLEAR, CHEMICALLY MODIFIED COLLAGEN-SYNTHETIC POLYMER CONJUGATES FOR OPHTHALMIC APPLICATIONS |
| 20237.50<br>93-006<br>EP    | EUROPE        | 94117226.4       | 11/01/94       |                  |               | CLEAR, CHEMICALLY MODIFIED COLLAGEN-SYNTHETIC POLYMER CONJUGATES FOR OPHTHALMIC APPLICATIONS |

**EXHIBIT A**

| <b>Atty. Ref<br/>Client Ref.</b> | <b>Country</b> | <b>Serial<br/>Number</b> | <b>Filing<br/>Date</b> | <b>Patent<br/>Number</b> | <b>Issue<br/>Date</b> | <b>Title</b>   |
|----------------------------------|----------------|--------------------------|------------------------|--------------------------|-----------------------|--|
| 20237.51<br>93-006<br>JP         | JAPAN          | 6-271556                 | 11/04/94               |                          |                       | CLEAR, CHEMICALLY MODIFIED COLLAGEN-SYNTHETIC POLYMER CONJUGATES FOR OPHTHALMIC APPLICATIONS |
| 20237.52<br>93-005<br>CA         | CANADA         | 2,134,745                | 10/31/94               |                          |                       | GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES   |
| 20237.53<br>93-005<br>EP         | EUROPE         | 94117227.2               | 11/01/94               |                          |                       | GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES   |
| 20237.54<br>93-005<br>JP         | JAPAN          | 6-271556                 | 11/04/94               |                          |                       | GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES   |
| 20238.10<br>88-184<br>DIV        | UNITED STATES  | 07/527,765               | 05/23/90               | 5,258,029                | 11/02/93              | METHOD FOR IMPROVING IMPLANT FIXATION  |
| 20238.11<br>88-184<br>DIV        | UNITED STATES  | 07/819,059               | 01/10/92               | 5,207,710                | 05/04/93              | METHOD FOR IMPROVING IMPLANT FIXATION  |
| 20238.20<br>88-184<br>CIP        | UNITED STATES  | 07/275,215               | 11/23/88               | 5,108,436                | 04/28/92              | IMPLANT FIXATION   |
| 20238.40<br>88-184<br>AU         | AUSTRALIA      | 42338/89                 | 09/27/89               | 628083                   | 01/21/93              | METHOD FOR IMPROVING IMPLANT FIXATION  |
| 20238.41<br>88-184<br>CN         | CANADA         | 612,422                  | 09/21/89               | 1335958                  | 06/20/95              | METHOD FOR IMPROVING IMPLANT FIXATION  |
| 20238.43<br>88-184<br>JP         | JAPAN          | 1-256922                 | 09/29/89               |                          |                       | METHOD FOR IMPROVING IMPLANT FIXATION  |
| 20238.44<br>88-184<br>JP DI      | JAPAN          | 07329312                 | 09/29/89               |                          |                       | METHOD FOR IMPROVING IMPLANT FIXATION  |
| 20240.00<br>89-193               | UNITED STATES  | 07/327,488               | 03/23/89               | 4,959,205                | 09/25/90              | COMPOSITION AND METHOD FOR TREATMENT OF DERMAL INFLAMMATION                                  |
| 20258.01<br>91-250<br>CON        | UNITED STATES  | 08/016,490               | 02/10/93               | 5,366,498                | 11/22/94              | DEVICE FOR TREATING FINE SUPERFICIAL FACIAL LINES  |
| 20258.10<br>91-250<br>DIV        | UNITED STATES  | 07/927,146               | 11/02/92               | 5,383,930                | 01/24/95              | METHOD FOR TREATING FINE SUPERFICIAL FACIAL LINES  |
| 20258.41<br>91-250<br>AU         | AUSTRALIA      | 17648/92                 | 03/27/92               | 654857                   | 03/14/95              | DEVICE AND METHOD FOR TREATING FACIAL LINES  |
| 20258.42<br>91-250<br>CA         | CANADA         | 2083165                  | 03/27/92               | 2083165                  | 07/09/96              | DEVICE AND METHOD FOR TREATING FACIAL LINES  |
| 20258.43<br>91-250<br>EP         | EUROPE         | 92910624.3               | 03/27/92               |                          |                       | DEVICE AND METHOD FOR TREATING FACIAL LINES  |

## EXHIBIT A

| Atty. Ref<br>Client Ref. | Country          | Serial<br>Number | Filing<br>Date | Patent<br>Number | Issue<br>Date | Title   |
|--------------------------|------------------|------------------|----------------|------------------|---------------|---|
| 20258.44<br>91-250<br>JP | JAPAN            | 04509698         | 03/27/92       |                  |               | DEVICE AND METHOD FOR TREATING<br>FACIAL LINES  |
| 20260.00<br>256-91       | UNITED<br>STATES | 07/921,810       | 07/29/92       | 5,428,022        | 06/27/95      | COMPOSITION OF LOW TYPE III CONTENT<br>HUMAN PLACENTAL COLLAGEN                       |
| 20270.01<br>94-008 F1    | UNITED<br>STATES | 08/537,073       | 09/29/95       |                  |               | COLLAGEN-BASED INJECTABLE DRUG<br>DELIVERY SYSTEM AND ITS USE                         |
| 20270.40<br>94-008<br>AU | AUSTRALIA        | 10295/95         | 01/19/95       |                  |               | COLLAGEN-BASED INJECTABLE DRUG<br>DELIVERY SYSTEM AND ITS USE                         |
| 20270.41<br>94-008<br>CA | CANADA           | 2,140,053        | 01/11/95       |                  |               | COLLAGEN-BASED INJECTABLE DRUG<br>DELIVERY SYSTEM AND ITS USE                         |
| 20270.42<br>94-008<br>EP | EUROPE           | 95101589.0       | 02/06/95       |                  |               | COLLAGEN-BASED INJECTABLE DRUG<br>DELIVERY SYSTEM AND ITS USE                         |
| 20270.43<br>94-008<br>JP | JAPAN            | 7-20798          | 02/08/95       |                  |               | COLLAGEN-BASED INJECTABLE DRUG<br>DELIVERY SYSTEM AND ITS USE                         |
| 20270.44<br>94-008<br>MX | MEXICO           | 950734           | 01/31/95       |                  |               | COLLAGEN-BASED INJECTABLE DRUG<br>DELIVERY SYSTEM AND ITS USE                         |
| 20274.00<br>94-010<br>US | UNITED<br>STATES | 08/403,360       | 03/14/95       | 5,580,923        | 12/03/96      | ANTI-ADHESION FILMS AND<br>COMPOSITIONS FOR MEDICAL USE                               |
| 20274.40<br>94-010<br>CA | CANADA           | 2,165,740        | 12/20/95       |                  |               | ANTI-ADHESION FILMS AND<br>COMPOSITIONS FOR MEDICAL USE                               |
| 20274.41<br>94-010<br>EP | EUROPE           | 96102339.7       | 02/16/96       |                  |               | ANTI-ADHESION FILMS AND<br>COMPOSITIONS FOR MEDICAL USE                               |
| 20274.42<br>94-010<br>JP | JAPAN            | 8-58139          | 03/14/96       |                  |               | ANTI-ADHESION FILMS AND<br>COMPOSITIONS FOR MEDICAL USE                               |
| 20275.00<br>95-025<br>US | UNITED<br>STATES | 08/405,320       | 03/16/95       | 5,693,341        | 12/02/97      | AFFINITY BOUND COLLAGEN MATRICES<br>FOR THE DELIVERY OF BIOLOGICALLY<br>ACTIVE AGENTS |
| 20275.40<br>95-025<br>CA | CANADA           | 2,165,727        | 12/20/95       |                  |               | AFFINITY BOUND COLLAGEN MATRICES<br>FOR THE DELIVERY OF BIOLOGICALLY<br>ACTIVE AGENTS |
| 20275.41<br>95-025<br>EP | EUROPE           | 96102340.5       | 02/16/96       | 0732105          |               | AFFINITY BOUND COLLAGEN MATRICES<br>FOR THE DELIVERY OF BIOLOGICALLY<br>ACTIVE AGENTS |
| 20275.42<br>95-025<br>JP | JAPAN            | 8-61531          | 03/18/96       |                  |               | AFFINITY BOUND COLLAGEN MATRICES<br>FOR THE DELIVERY OF BIOLOGICALLY<br>ACTIVE AGENTS |
| 20277.01<br>94-011       | UNITED<br>STATES | 08/555,270       | 11/08/95       |                  |               | APPARATUS AND METHOD OF MIXING<br>MATERIALS IN A STERILE ENVIRONMENT                  |

**EXHIBIT A**

| <b>Atty. Ref<br/>Client Ref.</b> | <b>Country</b> | <b>Serial<br/>Number</b> | <b>Filing<br/>Date</b> | <b>Patent<br/>Number</b> | <b>Issue<br/>Date</b> | <b>Title</b>  |
|----------------------------------|----------------|--------------------------|------------------------|--------------------------|-----------------------|---|
| 20277.40<br>94-011<br>CA         | CANADA         | 2146090                  | 03/31/95               |                          |                       | APPLICATION AND METHOD OF MIXING MATERIALS IN A STERILE ENVIRONMENT   |
| 20277.41<br>94-011<br>EP         | EUROPE         | 95107000.2               | 05/09/95               |                          |                       | APPARATUS AND METHOD OF MIXING MATERIALS IN A STERILE ENVIRONMENT   |
| 20277.42<br>94-011<br>JP         | JAPAN          | 7-110991                 | 05/09/95               |                          |                       | APPARATUS AND METHOD OF MIXING MATERIALS IN A STERILE ENVIRONMENT   |
| 20277.43<br>94-011<br>MX         | MEXICO         | 952006                   | 04/28/95               |                          |                       | APPARATUS AND METHOD OF MIXING MATERIALS IN A STERILE ENVIRONMENT   |
| 20278.00<br>94-015               | UNITED STATES  | 08/274,673               | 07/13/94               | 5,616,689                | 04/01/97              | METHOD OF CONTROLLING STRUCTURE STABILITY OF COLLAGEN FIBERS PRODUCED FROM SOLUTIONS OR DISPERSIONS TREATED WITH SODIUM HYDROXIDE FOR INFECTIOUS AGENT DEACTIVATION |
| 20278.40<br>94-015<br>CA         | CANADA         | 2146938                  | 04/12/95               |                          |                       | METHOD OF CONTROLLING STRUCTURE STABILITY OF COLLAGEN FIBERS PRODUCED FROM SOLUTIONS OR DISPERSIONS TREATED WITH SODIUM   |
| 20278.41<br>94-015<br>EP         | EUROPE         | 95108306.2               | 05/30/95               |                          |                       | METHOD OF CONTROLLING STRUCTURE STABILITY OF COLLAGEN FIBERS PRODUCED FROM SOLUTIONS OR DISPERSIONS TREATED WITH SODIUM HYDROXIDE FOR INFECTIOUS AGENT DEACTIVATION |
| 20278.42<br>94-015<br>JP         | JAPAN          | 07176136                 | 07/12/95               |                          |                       | METHOD OF CONTROLLING STRUCTURE STABILITY OF COLLAGEN FIBERS PRODUCED FROM SOLUTIONS OR DISPERSIONS TREATED WITH SODIUM HYDROXIDE FOR INFECTIOUS AGENT DEACTIVATION |
| 20282.01<br>94-020<br>US CI      | UNITED STATES  | 08/730,157               | 10/15/96               |                          |                       | IN SITU CROSSLINKABLE, INJECTABLE COLLAGEN COMPOSITION FOR TISSUE AUGMENTATION  |
| 20282.40<br>94-020<br>EP         | EUROPE         | 95116579.4               | 10/20/95               | 0713707                  |                       | IN SITU CROSSLINKABLE, INJECTABLE COLLAGEN COMPOSITION FOR TISSUE AUGMENTATION  |
| 20283.00<br>94-012<br>US CI      | UNITED STATES  | 08/236,769               | 05/02/94               | 5,475,052                | 12/12/95              | COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION   |
| 20283.01<br>94-012.1<br>US       | UNITED STATES  | 08/780,470               | 01/08/97               |                          |                       | COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION   |
| 20283.40<br>94-012<br>EP         | EUROPE         | 95103895.9               | 03/03/95               |                          |                       | COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION   |
| 20283.41<br>94-012<br>CA         | CANADA         | 2,143,923                | 03/03/95               |                          |                       | COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION   |

**EXHIBIT A**

| <b>Atty. Ref</b>            | <b>Client Ref.</b> | <b>Country</b> | <b>Serial Number</b> | <b>Filing Date</b> | <b>Patent Number</b> | <b>Issue Date</b> | <b>Title</b>   |
|-----------------------------|--------------------|----------------|----------------------|--------------------|----------------------|-------------------|--|
| 20283.42<br>94-012<br>AU    |                    | AUSTRALIA      | 15075/95             | 03/24/95           |                      |                   | COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION                        |
| 20283.43<br>94-012<br>JP    |                    | JAPAN          | 7104476              | 04/27/95           |                      |                   | COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION                        |
| 20283.44<br>94-012<br>MX    |                    | MEXICO         | 951715               | 04/07/95           |                      |                   | COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION                        |
| 20285.00<br>94-021          |                    | UNITED STATES  | 08/574,050           | 12/18/95           |                      |                   | INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY        |
| 20285.41<br>94-021<br>PCT   |                    | AUSTRALIA      | 13473/97             | 12/18/96           |                      |                   | USE OF INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY |
| 20285.42<br>94-021<br>CA    |                    | CANADA         | 2,239,772            | 12/18/96           |                      |                   | USE OF INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY |
| 20285.43<br>94-021<br>JP    |                    | JAPAN          | 9-523049             | 12/18/96           |                      |                   | USE OF INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY |
| 20285.44<br>94-021<br>EP    |                    | EUROPE         | 96945006.3           | 12/18/96           |                      |                   | USE OF INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY |
| 20286.00<br>95-024<br>US C1 |                    | UNITED STATES  | 08/476,825           | 06/07/95           | 5,614,587            | 3/25/97           | COLLAGEN-BASED BIOADHESIVE COMPOSITIONS  |
| 20286.10<br>95-024 D1       |                    | UNITED STATES  | 08/853,496           | 05/08/97           |                      |                   | BIOCOMPATIBLE ADHESIVE COMPOSITIONS  |
| 20286.11<br>95-024 D2       |                    | UNITED STATES  | 08/853,045           | 05/06/97           |                      |                   | METHOD OF PREVENTING FORMATION OF ADHESIONS FOLLOWING SURGERY                                      |
| 20286.20<br>95-024<br>US C2 |                    | UNITED STATES  | 08/573,801           | 12/18/95           |                      |                   | BIOCOMPATIBLE ADHESIVE COMPOSITIONS  |
| 20286.40<br>95-024<br>CA    |                    | CANADA         | 2,172,906            | 03/28/96           |                      |                   | BIOCOMPATIBLE ADHESIVE COMPOSITIONS  |
| 20286.41<br>95-024<br>EP    |                    | EUROPE         | 96108503.2           | 05/29/96           |                      |                   | BIOCOMPATIBLE ADHESIVE COMPOSITIONS  |
| 20286.42<br>95-024 JP       |                    | JAPAN          | 8139317              | 05/31/96           |                      |                   | BIOCOMPATIBLE ADHESIVE COMPOSITIONS  |
| 20287.20<br>95-029C1        |                    | UNITED STATES  | 08/769,806           | 12/18/96           |                      |                   | CROSSLINKED POLYMER COMPOSITIONS AND METHODS FOR THEIR USE   |

**EXHIBIT A**

| <b>Atty. Ref</b>            | <b>Client Ref.</b> | <b>Country</b> | <b>Serial Number</b> | <b>Filing Date</b> | <b>Patent Number</b> | <b>Issue Date</b> | <b>Title</b>  |
|-----------------------------|--------------------|----------------|----------------------|--------------------|----------------------|-------------------|---|
| 20287.41<br>94-019<br>AU    |                    | AUSTRALIA      |                      | 12/18/96           |                      |                   | CROSSLINKED POLYMER COMPOSITIONS AND METHODS FOR THEIR USE                              |
| 20287.44<br>95-029<br>EP    |                    | EUROPE         | 96944824.0           | 12/18/96           |                      |                   | CROSSLINKED POLYMER COMPOSITIONS AND METHODS FOR THEIR USE                              |
| 20288.01<br>94-019<br>US CI |                    | UNITED STATES  | 08/987,467           | 12/09/97           |                      |                   | USE OF HYDROPHOBIC CROSSLINKING AGENTS TO PREPARE CROSSLINKED BIOMATERIAL COMPOSITIONS  |
| 20288.40<br>94-019<br>CA    |                    | CANADA         | 2,165,728            | 12/20/95           |                      |                   | USE OF HYDROPHOBIC CROSSLINKING AGENTS TO PREPARE CROSSLINKED BIOMATERIAL COMPOSITIONS  |
| 20288.41<br>94-019<br>EP    |                    | EUROPE         | 96102366.0           | 02/16/96           |                      |                   | USE OF HYDROPHOBIC CROSSLINKING AGENTS TO PREPARE CROSSLINKED BIOMATERIAL COMPOSITIONS  |
| 20288.42<br>94-019<br>JP    |                    | JAPAN          | 8-58138              | 03/14/96           |                      |                   | USE OF HYDROPHOBIC CROSSLINKING AGENTS TO PREPARE CROSSLINKED BIOMATERIAL COMPOSITIONS  |
| 20289.00<br>95-022          |                    | UNITED STATES  | 06/431,950           | 05/01/95           |                      |                   | PRION INACTIVATION IN CONNECTIVE TISSUE MATERIALS                                       |
| 20289.40<br>95-022<br>CA    |                    | CANADA         | 2,172,918            | 03/28/96           |                      |                   | PRION INACTIVATION IN CONNECTIVE TISSUE MATERIALS                                       |
| 20289.41<br>95-022<br>EP    |                    | EUROPE         | 96105478.0           | 04/04/96           |                      |                   | PRION INACTIVATION IN CONNECTIVE TISSUE MATERIALS                                       |
| 20289.42<br>95-022<br>JP    |                    | JAPAN          | 8-109888             | 04/30/96           |                      |                   | PRION INACTIVATION IN CONNECTIVE TISSUE MATERIALS                                       |
| 20290.10<br>94-016<br>US D1 |                    | UNITED STATES  | 08/440,274           | 05/12/95           | 5,527,856            | 06/18/96          | METHOD OF PREPARING CROSSLINKED BIOMATERIAL COMPOSITIONS FOR USE IN TISSUE AUGMENTATION |
| 20290.20<br>94-016<br>US CI |                    | UNITED STATES  | 08/287,549           | 08/08/94           | 5,550,187            | 08/27/96          | METHOD OF PREPARING CROSSLINKED BIOMATERIAL COMPOSITIONS FOR USE IN TISSUE AUGMENTATION |
| 20290.21<br>94-016<br>US C2 |                    | UNITED STATES  | 08/497,573           | 06/30/95           | 5,643,464            | 07/01/97          | PROCESS FOR PREPARING A STERILE, DRY CROSSLINKING AGENT                                 |
| 20290.40<br>94-016<br>EP    |                    | EUROPE         | 95112218.3           | 08/03/95           |                      |                   | METHOD OF PREPARING CROSSLINKED BIOMATERIAL COMPOSITIONS FOR USE IN TISSUE AUGMENTATION |
| C94-007-1                   |                    | UNITED STATES  | 08/183,648           | 01/18/94           | 5,667,839            | 09/16/97          | PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS              |
| C94-007-1/<br>EU            |                    | EUROPE         | 94906698.9           | 01/19/94           |                      |                   | PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS              |
| C94-007-1/<br>CA            |                    | CANADA         | 2,152,047            | 01/19/94           |                      |                   | PRODUCTION OF HUMAN RECOMBINANT COLLAGEN IN THE MILK OF TRANSGENIC ANIMALS              |

**EXHIBIT A**

| Atty. Ref<br>Client Ref.            | Country          | Serial<br>Number   | Filing<br>Date | Patent<br>Number | Issue<br>Date | Title  |
|-------------------------------------|------------------|--------------------|----------------|------------------|---------------|--|
| C94-007-I/<br>JP                    | JAPAN            | 6517194            | 01/19/94       |                  |               | PRODUCTION OF HUMAN RECOMBINANT<br>COLLAGEN IN THE MILK OF TRANSGENIC<br>ANIMALS |
| C94-007-I/<br>MX                    | MEXICO           | 940697             | 01/19/94       |                  |               | PRODUCTION OF HUMAN RECOMBINANT<br>COLLAGEN IN THE MILK OF TRANSGENIC<br>ANIMALS |
| C94-007-I/<br>AU                    | AUSTRALIA        | 60317/94           | 01/19/94       |                  |               | PRODUCTION OF HUMAN RECOMBINANT<br>COLLAGEN IN THE MILK OF TRANSGENIC<br>ANIMALS |
| C94-007-I-D1                        | UNITED<br>STATES | 08/485,194         | 06/07/95       |                  |               | PRODUCTION OF HUMAN RECOMBINANT<br>COLLAGEN IN THE MILK OF TRANSGENIC<br>ANIMALS |
| C94-007-A-D2                        | UNITED<br>STATES | 08/473,465         | 06/07/95       |                  |               | PRODUCTION OF HUMAN RECOMBINANT<br>COLLAGEN IN THE MILK OF TRANSGENIC<br>ANIMALS |
| C94-018                             | UNITED<br>STATES | 08/278,774         | 07/22/94       |                  |               | MUTATED RECOMBINANT COLLAGENS  |
| C94-018 D1                          | UNITED<br>STATES | 08/630,654         | 04/10/96       |                  |               | MUTATED RECOMBINANT COLLAGENS  |
| C94-018/<br>EP                      | EUROPE           | 95108307.2         |                |                  |               | MUTATED RECOMBINANT COLLAGENS  |
| C95-028                             | UNITED<br>STATES | 08/546,047         | 10/20/95       |                  |               | PRODUCTION OF RECOMBINANT<br>PROCOLLAGEN IN YEAST                                |
| C95-030                             | UNITED<br>STATES | 08/546,437         | 10/20/95       |                  |               | YEAST EXPRESSION SYSTEMS FOR THE<br>PRODUCTION OF RECOMBINANT<br>PROCOLLAGEN     |
| C95-028/PCT                         | PCT              | PCT/US96/1<br>6646 | 10/18/96       |                  |               | PRODUCTION OF RECOMBINANT<br>PROCOLLAGEN   |
| 005921-<br>001100AU<br>91-248 AU    | AUSTRALIA        | 36196/93           | 02/16/93       | 666,712          | 06/11/96      | INJECTABLE CERAMIC COMPOSITIONS<br>AND METHODS FOR THEIR PREPARATION<br>AND USE  |
| 005921-<br>001100CA<br>91-248 CA    | CANADA           | 2,128,783          | 02/16/93       |                  |               | INJECTABLE CERAMIC COMPOSITIONS<br>AND METHODS FOR THEIR PREPARATION<br>AND USE  |
| 005921-<br>001100EP<br>91-248 EP    | EUROPE           | 93905057.1         | 02/16/93       | 627,899          |               | INJECTABLE CERAMIC COMPOSITIONS<br>AND METHODS FOR THEIR PREPARATION<br>AND USE  |
| 005921-<br>001100JP<br>91-248 JP    | JAPAN            | 5-514927           | 02/16/93       |                  |               | INJECTABLE CERAMIC COMPOSITIONS<br>AND METHODS FOR THEIR PREPARATION<br>AND USE  |
| 005921-<br>001120US<br>91-248 US C1 | UNITED<br>STATES | 08/101,333         | 08/02/93       | 5,352,715        | 10/04/94      | INJECTABLE CERAMIC COMPOSITIONS<br>AND METHODS FOR THEIR PREPARATION<br>AND USE  |
| 005921-001110<br>US<br>91-248 US D1 | UNITED<br>STATES | 07/920,412         | 07/27/92       | 5,204,382        | 04/20/93      | INJECTABLE CERAMIC COMPOSITIONS<br>AND METHODS FOR THEIR PREPARATION<br>AND USE  |
| 005921-001300<br>CA<br>91-255 CA    | CANADA           | 2,128,504          | 02/16/93       |                  |               | HIGH CONCENTRATION HOMOGENIZED<br>COLLAGEN COMPOSITIONS                          |

**EXHIBIT A**

| <b>Atty. Ref</b>                 |  | <b>Client Ref.</b> | <b>Country</b> | <b>Serial Number</b> | <b>Filing Date</b> | <b>Patent Number</b> | <b>Issue Date</b> | <b>Title</b>   |
|----------------------------------|--|--------------------|----------------|----------------------|--------------------|----------------------|-------------------|--|
| 005921-001300<br>EP<br>91-255 EP |  |                    | EUROPE         | 93905918.4           | 02/16/93           |                      |                   | HIGH CONCENTRATION HOMOGENIZED COLLAGEN COMPOSITIONS |
| 005921-001300<br>JP<br>91-255 JP |  |                    | JAPAN          | 5-514905             | 02/16/93           |                      |                   | HIGH CONCENTRATION HOMOGENIZED COLLAGEN COMPOSITIONS |
| 005921-001300<br>EP 91-255 AU    |  |                    | AUSTRALIA      | 93905918.4           | 02/16/93           |                      |                   | HIGH CONCENTRATION HOMOGENIZED COLLAGEN COMPOSITIONS |
| 005921-001310<br>US              |  |                    | UNITED STATES  | 08/229,859           | 04/19/94           | 5,428,024            | 06/27/95          | HIGH CONCENTRATION HOMOGENIZED COLLAGEN COMPOSITIONS |
| 8996-012-007<br>94-017 AU        |  |                    | AUSTRALIA      | 20067/95             | 05/15/95           |                      |                   | DELIVERY DEVICE FOR INJECTABLE MATERIALS             |
| 8996-012-037<br>94-017-BR        |  |                    | BRAZIL         | PI 9503331-9         | 07/14/95           |                      |                   | DELIVERY DEVICE FOR INJECTABLE MATERIALS             |
| 8996-012-001<br>94-017 CA        |  |                    | CANADA         | 2,148,173            | 04/28/95           |                      |                   | DELIVERY DEVICE FOR INJECTABLE MATERIALS             |
| 8996-012-227<br>94-017 EP        |  |                    | EUROPE         | 95108301.3           | 05/30/95           |                      |                   | DELIVERY DEVICE FOR INJECTABLE MATERIALS             |
| 8996-012-012<br>94-017 JP        |  |                    | JAPAN          | 7-179232             | 07/14/95           |                      |                   | DELIVERY DEVICE FOR INJECTABLE MATERIALS             |
| 8996-012-009<br>94-017 MX        |  |                    | MEXICO         | 952284               | 05/19/95           |                      |                   | DELIVERY DEVICE FOR INJECTABLE MATERIALS             |
| 8996-012-999<br>94-017 US CI     |  |                    | UNITED STATES  | 08/360,512           | 12/21/94           | 5,540,657            | 07/30/96          | DELIVERY DEVICE FOR INJECTABLE MATERIALS             |

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| FROM: Karen Canaan<br>Registration No. 42,382                       | FACSIMILE No.: (650) 251-7739<br>TELEPHONE No.: (650) 251-7700                                      |
| DATE: June 21, 2005   | PAGE 1 OF: 7  |
| SUBJECT: In re Change of Name<br>Atty Dkt No.: 2500-8010            | CONFIRMATION COPY TO FOLLOW:<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> No |

Attached for recordation of a change of name are form PTO-1595 and Certificate of Amendment of the Restated Certificate of Incorporation of Cohesion Technologies, Inc and Exhibit A. Thank you!

6/22/05 KW  
KC - 20050621  
6/22/05 KW  
KC DOCKET

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SER. # : BROB5J220120

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|---------------|-----------------|
| DATE, TIME    | 06/21 12:26     |
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| DURATION      | 00:02:09        |
| PAGE(S)       | 07              |
| RESULT        | OK              |
| MODE          | STANDARD<br>ECM |

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| To: <b>ASSIGNMENT BRANCH<br/>U.S. PATENT AND TRADEMARK<br/>OFFICE</b> | FACSIMILE No.: (703) 306-5995<br>TELEPHONE No.:   |
| FROM: Karen Canaan<br>Registration No. 42,382                         | FACSIMILE No.: (650) 251-7739<br>TELEPHONE No.: (650) 251-7700                                      |
| DATE: June 21, 2005   | PAGE 1 OF: 7  |
| SUBJECT: In re Change of Name<br>Atty Dkt No.: 2500-8010              | CONFIRMATION COPY TO FOLLOW:<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> No |

Attached for recordation of a change of name are form PTO-1595 and Certificate of Amendment  
of the Restated Certificate of Incorporation of Cohesion Technologies, Inc and Exhibit A.  
Thank you!

Form PTO-1595  
(Rev. 10/02)  
OMB No. 0651-0027 (exp. 6/30/2005)

**RECORDATION FORM COVER SHEET**  
**PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Cohesion Technologies, Inc.

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of Conveyance:

|   |  |
|---|--|
| <input type="checkbox"/> Assignment         | <input type="checkbox"/> Merger                    |
| <input type="checkbox"/> Security Agreement | <input checked="" type="checkbox"/> Change of Name |
| <input type="checkbox"/> Other _____        |  |

Execution Date: December 21, 2004

2. Name and address of receiving party(ies):

Name: Angiotech BioMaterials Corp.

Internal Address: \_\_\_\_\_

Street Address: P.O. Box 2840

101 W. North Bend Way,

City: North Bend State: WA Zip: 98045

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s):

See Exhibit A

B. Patent No.(s):

See Exhibit A

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Karen Canaan, Reg. No. 42,382

Internal Address: \_\_\_\_\_

6. Total number of applications and patents involved: 71

7. Total fee (37 CFR 3.41) ..... \$ 2,840.00  
(\$40x71 files)

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

18-0580

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9. Statement and Signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Karen Canaan, Reg. No. 42,382

Name of Person Signing

Signature

June 21, 2005

Date

Total number of pages including cover sheet, attachments, and documents: 6

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment, Commissioner of Patents, P.O. Box 1450

Alexandria, VA 22313-1450

# *Delaware*

PAGE 1

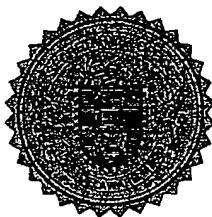
*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COHESION TECHNOLOGIES, INC.", CHANGING ITS NAME FROM "COHESION TECHNOLOGIES, INC." TO "ANGIOTECH BIOMATERIALS CORP.", FILED IN THIS OFFICE ON THE TWENTIETH DAY OF DECEMBER, A.D. 2004, AT 10:49 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS

2760402 8100

040920706



*Harriet Smith Windsor*  
\_\_\_\_\_  
Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3565943

DATE: 12-21-04

**CERTIFICATE OF AMENDMENT  
OF THE RESTATED CERTIFICATE OF INCORPORATION OF  
COHESION TECHNOLOGIES, INC.**

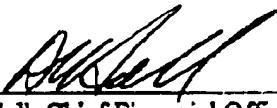
Cohesion Technologies, Inc., a corporation duly organized and existing under the Delaware General Corporation Law (the "Corporation"), does hereby certify:

1. That Article FIRST of the Restated Certificate of Incorporation of the Corporation is hereby amended to read in its entirety as follows:

"FIRST The name of the corporation is Angiotech BioMaterials Corp."

2. That said amendment was duly adopted in accordance with the provisions of Section 242 of the Delaware General Corporation Law.

In witness whereof, the Corporation has caused this Certificate of Amendment to be executed by its duly authorized person this 20<sup>th</sup> day of December, 2004.



\_\_\_\_\_  
David Hall, Chief Financial Officer

0

State of Delaware  
Secretary of State  
Division of Corporations  
Delivered 11:28 AM 12/20/2004  
FILED 10:49 AM 12/20/2004  
SRV 040920706 - 2760402 FILE

## EXHIBIT A

| Matter No.   | Country | Serial Number | Filing Date | Patent Number | Issue Date |
|--------------|---------|---------------|-------------|---------------|------------|
| 2500-0183    | US      | 07/213,726    | 6/30/1988   | 5,024,841     | 6/18/1991  |
| 2500-0183.10 | US      | 07/630,299    | 12/19/1990  | 5,110,604     | 5/5/1992   |
| 2500-0183.11 | US      | 07/801,732    | 3/13/1991   | 5,219,576     | 6/15/1993  |
| 2500-0183.20 | US      | 07/286,303    | 12/16/1988  | 4,950,483     | 8/21/1990  |
| 2500-0185    | US      | 06/878,418    | 6/25/1986   | 4,803,075     | 2/7/1989   |
| 2500-0298    | US      | 07/870,210    | 4/13/1992   | 5,163,956     | 11/17/1992 |
| 2500-0306    | US      | 07/843,124    | 2/28/1992   | 5,480,644     | 1/2/1996   |
| 2500-0306.10 | US      | 08/444,187    | 5/18/1995   | 5,490,984     | 2/13/1996  |
| 2500-0507.20 | US      | 07/855,921    | 3/23/1992   | 5,290,552     | 3/1/1994   |
| 2500-2237.10 | US      | 930,142       | 8/14/1992   | 5,264,214     | 11/23/1993 |
| 2500-2237.11 | US      | 07/998,802    | 12/30/1992  | 5,304,595     | 4/19/1994  |
| 2500-2237.12 | US      | 08/110,577    | 8/23/1993   | 5,306,500     | 4/26/1994  |
| 2500-2237.13 | US      | 08/177,578    | 1/5/1994    | 5,376,375     | 12/27/1994 |
| 2500-2237.14 | US      | 08/198,128    | 2/17/1994   | 5,413,791     | 5/9/1995   |
| 2500-2237.15 | US      | 08/292,415    | 8/18/1994   | 5,523,348     | 6/4/1996   |
| 2500-2237.16 | US      | 08/368,874    | 1/5/1995    | 5,446,091     | 8/29/1995  |
| 2500-2237.17 | US      | 08/427,576    | 4/24/1995   | 5,543,441     | 8/6/1996   |
| 2500-2237.19 | US      | 08/478,510    | 6/7/1995    | 5,550,188     | 8/27/1996  |
| 2500-2237.20 | US      | 07/433,441    | 11/14/1989  | 5,162,430     | 11/20/1992 |
| 2500-2237.21 | US      | 07/922,541    | 7/30/1992   | 5,328,955     | 7/12/1994  |
| 2500-2237.22 | US      | 07/907,518    | 7/2/1992    | 5,324,775     | 6/28/1994  |
| 2500-2237.24 | US      | 07/984,197    | 12/2/1992   | 5,308,889     | 5/3/1994   |
| 2500-2237.25 | US      | 07/985,680    | 12/2/1992   | 5,292,802     | 3/8/1994   |
| 2500-2237.27 | US      | 08/146,843    | 11/3/1993   | 5,510,418     | 4/23/1996  |
| 2500-2237.28 | US      | 08/147,227    | 11/3/1993   | 5,565,519     | 10/15/1996 |
| 2500-2237.30 | US      | 08/434,958    | 5/4/1995    | 5,510,121     | 4/23/1996  |
| 2500-2237.31 | US      | 08/433,656    | 5/4/1995    | 5,470,911     | 11/28/1995 |
| 2500-2237.32 | US      | 08/434,725    | 5/4/1995    | 5,476,666     | 12/19/1995 |
| 2500-2270.01 | US      | 08/537,073    | 9/29/1995   | 5,807,581     | 9/15/1998  |
| 2500-2274    | US      | 08/403,360    | 3/14/1995   | 5,580,923     | 12/3/1996  |
| 2500-2275    | US      | 08/405,320    | 3/16/1995   | 5,693,341     | 12/2/1997  |
| 2500-2278    | US      | 08/274,673    | 7/13/1994   | 5,616,689     | 4/1/1997   |

| Matter No.   | Country | Serial Number | Filing Date | Patent Number | Issue Date |
|--------------|---------|---------------|-------------|---------------|------------|
| 2500-2282.02 | US      | 09/300,889    | 4/28/1999   | 6,165,489     | 12/26/2000 |
| 2500-2283    | US      | 08/236,769    | 5/2/1994    | 5,475,052     | 12/12/1995 |
| 2500-2283.01 | US      | 08/780,470    | 1/8/1997    | 5,800,541     | 9/1/1998   |
| 2500-2285    | US      | 08/574,050    | 12/18/1995  | 5,752,974     | 5/19/1998  |
| 2500-2286    | US      | 08/476,825    | 6/7/1995    | 5,614,587     | 3/25/1997  |
| 2500-2286.10 | US      | 08/853,496    | 5/8/1997    | 5,744,545     | 4/28/1998  |
| 2500-2286.11 | US      | 08/853,045    | 5/6/1997    | 5,786,421     | 7/28/1998  |
| 2500-2286.20 | US      | 08/573,801    | 12/18/1995  | 5,936,035     | 8/10/1999  |
| 2500-2287.01 | US      | 09/302,852    | 4/30/1999   | 6,166,130     | 12/26/2000 |
| 2500-2287.02 | US      | 09/733,739    | 12/8/2000   | 6,323,278     | 11/27/2001 |
| 2500-2287.03 | US      | 09/932,536    | 8/17/2001   | 6,534,591     | 3/18/2003  |
| 2500-2287.05 | US      | 10/766,104    | 1/27/2004   |               |            |
| 2500-2287.06 | US      | 10/766,146    | 1/27/2004   |               |            |
| 2500-2287.07 | US      | 10/766,726    | 1/27/2004   |               |            |
| 2500-2287.08 | US      | 10/766,095    | 1/27/2004   |               |            |
| 2500-2287.15 | US      | 10/873,833    | 6/21/2004   |               |            |
| 2500-2287.16 | US      | 10/971,684    | 10/22/2004  |               |            |
| 2500-2287.20 | US      | 08/769,806    | 12/18/1996  | 5,874,500     | 2/23/1999  |
| 2500-2287.21 | US      | 09/229,851    | 1/13/1999   | 6,051,648     | 4/18/2000  |
| 2500-2287.22 | US      | 09/883,138    | 6/15/2001   | 6,458,889     | 10/1/2002  |
| 2500-2287.24 | US      | 10/262,640    | 9/30/2002   | 6,833,408     | 12/21/2004 |
| 2500-2288.02 | US      | 10/448,246    | 5/28/2003   |               |            |
| 2500-2288.10 | US      | 09/344,230    | 6/25/1999   |               |            |
| 2500-2288.11 | US      | 10/997,246    | 11/23/2004  |               |            |
| 2500-2289    | US      | 08/431,950    | 5/1/1995    | 5,756,678     | 5/26/1998  |
| 2500-2290.10 | US      | 08/440,274    | 5/12/1995   | 5,527,856     | 6/18/1996  |
| 2500-2290.20 | US      | 08/287,549    | 8/8/1994    | 5,550,187     | 8/27/1996  |
| 2500-2290.21 | US      | 08/497,573    | 6/30/1995   | 5,643,464     | 7/1/1997   |
| 2500-2307.01 | US      | 08/101,333    | 8/2/1993    | 5,352,715     | 10/4/1994  |
| 2500-2307.10 | US      | 07/920,412    | 7/27/1992   | 5,204,382     | 4/20/1993  |
| 2500-2511.01 | US      | 09/436,903    | 11/9/1999   | 6,280,727     | 8/28/2001  |
| 2500-2511.20 | US      | 09/099,126    | 6/17/1998   | 6,096,309     | 8/1/2000   |
| 2500-2513    | US      | 09/293,708    | 4/16/1999   | 6,312,725     | 11/6/2001  |
| 2500-2513.20 | US      | 10/012,263    | 11/5/2001   | 6,624,245     | 9/23/2003  |

| Matter No.   | Country | Serial Number | Filing Date | Patent Number | Issue Date |
|--------------|---------|---------------|-------------|---------------|------------|
| 2500-2514    | US      | 09/578,814    | 5/24/2000   | 6,482,179     | 11/19/2002 |
| 2500-2515    | US      | 09/649,337    | 8/28/2000   | 6,495,127     | 12/17/2002 |
| 2500-2521.01 | US      | 09/199,139    | 11/24/1998  | 6,110,484     | 8/29/2000  |
| 2500-2521.02 | US      | 09/596,183    | 6/16/2000   | 6,277,394     | 8/21/2001  |
| 2500-2523    | US      | 10/412,710    | 4/10/2003   |               |            |

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| FROM: Karen Canaan<br>Registration No. 42,382                       | FACSIMILE No.: (650) 251-7739<br>TELEPHONE No.: (650) 251-7700                                      |
| DATE: August 10, 2005   | PAGE 1 OF: 14   |
| SUBJECT: Reed IP Reference No. 2500-8010                            | CONFIRMATION COPY TO FOLLOW:<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> No |

Attached for recordation is form PTO-1595 for the above-identified patent application.

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 SER. # : BROB5J220120

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|--------------|-----------------|
| DATE, TIME   | 08/10 14:58     |
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| DURATION     | 00:04:07        |
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| RESULT       | OK              |
| MODE         | STANDARD<br>ECM |

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| To: <b>ASSIGNMENT BRANCH<br/>U.S. PATENT AND TRADEMARK<br/>OFFICE</b> | FACSIMILE No.: (703) 306-5995<br>TELEPHONE No.:   |
| FROM: Karen Canaan<br>Registration No. 42,382                         | FACSIMILE No.: (650) 251-7739<br>TELEPHONE No.: (650) 251-7700                                      |
| DATE: August 10, 2005   | PAGE 1 OF: 14   |
| SUBJECT: Reed IP Reference No. 2500-8010                              | CONFIRMATION COPY TO FOLLOW:<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

Attached for recordation is form PTO-1595 for the above-identified patent application.

Thank you

Form PTO-1595  
(Rev. 10/02)  
OMB No. 0651-0027 (exp. 6/30/2005)

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U.S. Patent and Trademark Office

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1. Name of conveying party(ies):

COHESION TECHNOLOGIES, INC.

Additional names(s) of conveying party(ies) attached?  Yes  No

3. Nature of Conveyance:

|  |   |
|--|---|
| <input type="checkbox"/> Assignment                            | <input type="checkbox"/> Merger         |
| <input type="checkbox"/> Security Agreement                    | <input type="checkbox"/> Change of Name |
| <input checked="" type="checkbox"/> Other <u>SEE EXHIBIT A</u> |   |

Execution Date: DECEMBER 21, 2004

2. Name and address of receiving party(ies):

Name: ANGIOTECH BIOMATERIALS CORP.  
Internal Address: \_\_\_\_\_

Street Address: P.O. BOX 2840

101 W. NORTH BEND WAY

City: NORTH BEND State: WA Zip: 98045

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s):

11/078,254

B. Patent No.(s):

4,776,890

4,959,205

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: KAREN CANAAN, Reg. No. 42,382

Internal Address: \_\_\_\_\_

Street Address: Reed IP Law Group

1400 Page Mill Road

City: Palo Alto State: CA Zip: 94304

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) ..... \$ 40.00

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8. Deposit account number:

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*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

KAREN CANAAN, Reg. No. 42,382  
Name of Person Signing

  
Signature

AUGUST 10, 2005

Date

Total number of pages including cover sheet, attachments, and documents: 13

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Alexandria, VA 22313-1450

## EXHIBIT A

Corrected Assignment to delete numbers previously recorded at Reel 016369, Frame 0932, on June 21, 2005.

Serial Number: 06/878,418

Filing Date: 06/25/1986

Patent Number: 4,803,075

Issue Date: 02/07/1989

Title: INJECTABLE IMPLANT COMPOSITION HAVING IMPROVED INTRUDABILITY

Serial Number: 07/870,210

Filing Date: 04/13/1992

Patent Number: 5,163,956

Issue Date: 11/17/1992

Title: METHODS AND LENTICULES FOR MODIFYING THE CORNEA

Serial Number: 07/843,124

Filing Date: 02/28/1992

Patent Number: 5,480,644

Issue Date: 01/02/1996

Title: USE OF INJECTABLE BIOMATERIALS FOR THE REPAIR AND AUGMENTATION OF THE ANAL SPHINCTERS

Serial Number: 08/444,187

Filing Date: 05/18/1995

Patent Number: 5,490,984

Issue Date: 02/13/1996

Title: USE OF INJECTABLE BIOMATERIALS FOR THE REPAIR AND AUGMENTATION OF THE ANAL SPHINCTERS

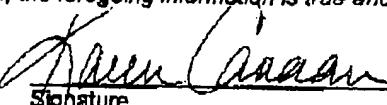
UDIZ 172000  
700189178

Atty Dkt. No. 2500-8010

Form PTO-1585  
(Rev. 10/02)  
OMB No. 0651-0027 (exp. 6/30/2005)

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U.S. Patent and Trademark Office

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|---|--|--|
| <p>To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.</p>  |  |  |
| <p>1. Name of conveying party(ies):<br/><br/>Cohesion Technologies, Inc.</p>  |  | <p>2. Name and address of receiving party(ies):<br/><br/>Name: <u>AngioTech BioMaterials Corp.</u><br/>Internal Address: _____</p>   |
| <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>   |  | <p>Street Address: <u>P.O. Box 2840</u><br/><u>191 W. North Bend Way</u><br/>City: <u>North Bend</u> State: <u>WA</u> Zip: <u>98045</u></p>  |
| <p>3. Nature of Conveyance:<br/> <input type="checkbox"/> Assignment      <input type="checkbox"/> Merger<br/> <input type="checkbox"/> Security Agreement      <input checked="" type="checkbox"/> Change of Name<br/> <input type="checkbox"/> Other _____</p>  |  | <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>  |
| <p>Execution Date: December 21, 2004</p>  |  |  |
| <p>4. Application number(s) or patent number(s):<br/>If this document is being filed together with a new application, the execution date of the application is: _____</p>   |  |  |
| <p>A. Patent Application No.(s):<br/><br/>See Exhibit A</p>   |  | <p>B. Patent No.(s):<br/><br/>See Exhibit A</p>  |
| <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>   |  | <p>6. Total number of applications and patents involved: <u>71</u></p>   |
| <p>5. Name and address of party to whom correspondence concerning document should be mailed:<br/><br/>Name: <u>Karen Canaan, Reg. No. 42,382</u><br/>Internal Address: _____<br/><br/>Street Address: <u>Reed IP Law Group</u><br/><u>1400 Page Mill Road</u><br/>City: <u>Palo Alto</u> State: <u>CA</u> Zip: <u>94304</u></p> |  | <p>7. Total fee (37 CFR 3.41) ..... <u>\$ 2,840.00</u><br/>(\$40x71 files)<br/><input type="checkbox"/> Enclosed<br/><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> |
| <p>8. Deposit account number:<br/><br/><u>18-0580</u></p>   |  |  |
| <p>(Attach duplicate copy of this page if paying by deposit account)</p>  |  |  |
| <p><b>DO NOT USE THIS SPACE</b></p>   |  |  |
| <p>9. Statement and Signature.<br/>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p>   |  |  |
| <p><u>Karen Canaan, Reg. No. 42,382</u><br/>Name of Person Signing</p>  |  | <br><p><u>June 21, 2005</u><br/>Date</p>   |

Total number of pages including cover sheet, attachments, and documents: 6

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# *Delaware*

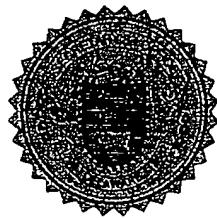
PAGE 1

*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COHESION TECHNOLOGIES, INC.", CHANGING ITS NAME FROM "COHESION TECHNOLOGIES, INC." TO "ANGIOTECH BIOMATERIALS CORP.", FILED IN THIS OFFICE ON THE TWENTIETH DAY OF DECEMBER, A.D. 2004, AT 10:49 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

2760402 8100  
040920706



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3565943

DATE: 12-21-04

**CERTIFICATE OF AMENDMENT  
OF THE RESTATED CERTIFICATE OF INCORPORATION OF  
COHESION TECHNOLOGIES, INC.**

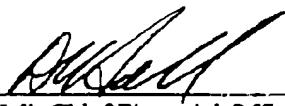
Cohesion Technologies, Inc., a corporation duly organized and existing under the Delaware General Corporation Law (the "Corporation"), does hereby certify:

1. That Article FIRST of the Restated Certificate of Incorporation of the Corporation is hereby amended to read in its entirety as follows:

"FIRST The name of the corporation is Angiotech BioMaterials Corp."

2. That said amendment was duly adopted in accordance with the provisions of Section 242 of the Delaware General Corporation Law.

In witness whereof, the Corporation has caused this Certificate of Amendment to be executed by its duly authorized person this 20 day of December, 2004.



\_\_\_\_\_  
David Hall, Chief Financial Officer

0

State of Delaware  
Secretary of State  
Division of Corporations  
Delivered 11:28 AM 12/20/2004  
FILED 10:49 AM 12/20/2004  
SRV 040920706 - 2760402 FILE



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
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KAREN CANAAN  
REED IP LAW GROUP  
1400 PAGE MILL ROAD  
PALO ALTO, CALIFORNIA 94304

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RECORDATION DATE: 06/21/2005

REEL/FRAME: 016369/0932  
NUMBER OF PAGES: 6

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

## ASSIGNOR:

COHESION TECHNOLOGIES, INC.

DOC DATE: 12/21/2004

## ASSIGNEE:

ANGIOTECH BIOMATERIALS CORP.  
101 W. NORTH BEND WAY  
P.O. BOX 2840  
NORTH BEND, WASHINGTON 98045

SERIAL NUMBER: 10766104

FILING DATE: 01/27/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD FOR PREVENTING THE FORMATION OF ADHESIONS FOLLOWING SURGERY  
OR INJURY

SERIAL NUMBER: 10766146

FILING DATE: 01/27/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: SYNTHETIC IMPLANT WITH NONIMMUNOGENICITY COATING

016369/0932 PAGE 2

SERIAL NUMBER: 10766726 FILING DATE: 01/27/2004  
PATENT NUMBER: 6911496 ISSUE DATE: 06/28/2005  
TITLE: COMPOSITION FOR ADMINISTRATION OF A BIOLOGICALLY ACTIVE COMPOUND

SERIAL NUMBER: 10766095 FILING DATE: 01/27/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: DEHYDRATED, SHAPED MATRIX AND USE THEREOF IN THE TREATMENT OF  
VASCULAR MALFORMATION

SERIAL NUMBER: 10873833 FILING DATE: 06/21/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD FOR PREPARING A BIOCOMPATIBLE CROSSLINKED MATRIX AND MATRIX  
PREPARED THEREBY

SERIAL NUMBER: 10971684 FILING DATE: 10/22/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: ADHESIVE TISSUE REPAIR PATCH

SERIAL NUMBER: 10448246 FILING DATE: 05/28/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: USE OF HYDROPHOBIC CROSSLINKING AGENTS TO PREPARE CROSSLINKED  
BIOMATERIAL COMPOSITIONS

SERIAL NUMBER: 09344230 FILING DATE: 06/25/1999  
PATENT NUMBER: ISSUE DATE:  
TITLE: CROSSLINKABLE BIOMATERIAL COMPOSITIONS CONTAINING HYDROPHOBIC AND  
HYDROPHILIC CROSSLINKING AGENTS

SERIAL NUMBER: 10997246 FILING DATE: 11/23/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: USE OF HYDROPHOBIC CROSSLINKING AGENTS TO PREPARE CROSSLINKED  
BIOMATERIAL COMPOSITIONS

SERIAL NUMBER: 10412710 FILING DATE: 04/10/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: COMPOSITIONS AND METHODS OF USING A TRANSIENT COLORANT

SERIAL NUMBER: 07213726 FILING DATE: 06/30/1988  
PATENT NUMBER: 5024841 ISSUE DATE: 06/18/1991  
TITLE: COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION

SERIAL NUMBER: 07630299 FILING DATE: 12/19/1990  
PATENT NUMBER: 5110604 ISSUE DATE: 05/05/1992  
TITLE: PROCESSES FOR PRODUCING COLLAGEN MATRIXES AND METHODS OF USING SAME

SERIAL NUMBER: 07801732 FILING DATE: 12/03/1991  
PATENT NUMBER: 5219576 ISSUE DATE: 06/15/1993  
TITLE: COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION

SERIAL NUMBER: 07286303 FILING DATE: 12/16/1988  
PATENT NUMBER: 4950483 ISSUE DATE: 08/21/1990  
TITLE: COLLAGEN WOUND HEALING MATRICES AND PROCESS FOR THEIR PRODUCTION

016369/0932 PAGE 3

SERIAL NUMBER: 06878418 FILING DATE: 06/25/1986  
PATENT NUMBER: 4803075 ISSUE DATE: 02/07/1989  
TITLE: INJECTABLE IMPLANT COMPOSITION HAVING IMPROVED INTRUDABILITY

SERIAL NUMBER: 07870210 FILING DATE: 04/13/1992  
PATENT NUMBER: 5163956 ISSUE DATE: 11/17/1992  
TITLE: METHODS AND LENTICULES FOR MODIFYING THE CORNEA

SERIAL NUMBER: 07843124 FILING DATE: 02/28/1992  
PATENT NUMBER: 5480644 ISSUE DATE: 01/02/1996  
TITLE: USE OF INJECTABLE BIOMATERIALS FOR THE REPAIR AND AUGMENTATION OF THE ANAL SPHINCTERS

SERIAL NUMBER: 08444187 FILING DATE: 05/18/1995  
PATENT NUMBER: 5490984 ISSUE DATE: 02/13/1996  
TITLE: USE OF INJECTABLE BIOMATERIALS FOR THE REPAIR AND AUGMENTATION OF THE ANAL SPHINCTERS

SERIAL NUMBER: 07855921 FILING DATE: 03/23/1992  
PATENT NUMBER: 5290552 ISSUE DATE: 03/01/1994  
TITLE: SURGICAL ADHESIVE MATERIAL

SERIAL NUMBER: 07930142 FILING DATE: 08/14/1992  
PATENT NUMBER: 5264214 ISSUE DATE: 11/23/1993  
TITLE: COMPOSITION FOR BONE REPAIR

SERIAL NUMBER: 07998802 FILING DATE: 12/30/1992  
PATENT NUMBER: 5304595 ISSUE DATE: 04/19/1994  
TITLE: COLLAGEN-POLYMER CONJUGATES

SERIAL NUMBER: 08110577 FILING DATE: 08/23/1993  
PATENT NUMBER: 5306500 ISSUE DATE: 04/26/1994  
TITLE: METHOD OF AUGMENTING TISSUE WITH COLLAGEN-POLYMER CONJUGATES

SERIAL NUMBER: 08177578 FILING DATE: 01/05/1994  
PATENT NUMBER: 5376375 ISSUE DATE: 12/27/1994  
TITLE: METHOD OF AUGMENTING TISSUE USING COLLAGEN-POLYMER CONJUGATES

SERIAL NUMBER: 08198128 FILING DATE: 02/17/1994  
PATENT NUMBER: 5413791 ISSUE DATE: 05/09/1995  
TITLE: COLLAGEN-POLYMER CONJUGATES

SERIAL NUMBER: 08292415 FILING DATE: 08/18/1994  
PATENT NUMBER: 5523348 ISSUE DATE: 06/04/1996  
TITLE: METHOD OF PREPARING COLLAGEN-POLYMER CONJUGATES

SERIAL NUMBER: 08368874 FILING DATE: 01/05/1995  
PATENT NUMBER: 5446091 ISSUE DATE: 08/29/1995  
TITLE: COLLAGEN-POLYMER CONJUGATES

SERIAL NUMBER: 08427576 FILING DATE: 04/24/1995  
PATENT NUMBER: 5543441 ISSUE DATE: 08/06/1996  
TITLE: IMPLANTS COATED WITH COLLAGEN-POLYMER CONJUGATES

016369/0932 PAGE 4

|  |   |
|--|---|
| SERIAL NUMBER: 08478510<br>PATENT NUMBER: 5550188<br>TITLE: COLLAGEN-POLYMER CONJUGATES  | FILING DATE: 06/07/1995<br>ISSUE DATE: 08/27/1996 |
| SERIAL NUMBER: 07433441<br>PATENT NUMBER: 5162430<br>TITLE: COLLAGEN-POLYMER CONJUGATES  | FILING DATE: 11/14/1989<br>ISSUE DATE: 11/10/1992 |
| SERIAL NUMBER: 07922541<br>PATENT NUMBER: 5328955<br>TITLE: COLLAGEN-POLYMER CONJUGATES  | FILING DATE: 07/30/1992<br>ISSUE DATE: 07/12/1994 |
| SERIAL NUMBER: 07907518<br>PATENT NUMBER: 5324775<br>TITLE: BIOLOGICALLY INERT, BIOCOMPATIBLE-POLYMER CONJUGATES   | FILING DATE: 07/02/1992<br>ISSUE DATE: 06/28/1994 |
| SERIAL NUMBER: 07984197<br>PATENT NUMBER: 5308889<br>TITLE: DEHYDRATED COLLAGEN-POLYMER STRINGS  | FILING DATE: 12/02/1992<br>ISSUE DATE: 05/03/1994 |
| SERIAL NUMBER: 07985680<br>PATENT NUMBER: 5292802<br>TITLE: COLLAGEN-POLYMER TUBES FOR USE IN VASCULAR SURGERY   | FILING DATE: 12/02/1992<br>ISSUE DATE: 03/08/1994 |
| SERIAL NUMBER: 08146843<br>PATENT NUMBER: 5510418<br>TITLE: GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES   | FILING DATE: 11/03/1993<br>ISSUE DATE: 04/23/1996 |
| SERIAL NUMBER: 08147227<br>PATENT NUMBER: 5565519<br>TITLE: CLEAR, CHEMICALLY MODIFIED COLLAGEN-SYNTHETIC POLYMER CONJUGATES FOR OPHTHALMIC APPLICATIONS | FILING DATE: 11/03/1993<br>ISSUE DATE: 10/15/1996 |
| SERIAL NUMBER: 08434958<br>PATENT NUMBER: 5510121<br>TITLE: GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES   | FILING DATE: 05/04/1995<br>ISSUE DATE: 04/23/1996 |
| SERIAL NUMBER: 08433656<br>PATENT NUMBER: 5470911<br>TITLE: GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES   | FILING DATE: 05/04/1995<br>ISSUE DATE: 11/28/1995 |
| SERIAL NUMBER: 08434725<br>PATENT NUMBER: 5476666<br>TITLE: GLYCOSAMINOGLYCAN-SYNTHETIC POLYMER CONJUGATES   | FILING DATE: 05/04/1995<br>ISSUE DATE: 12/19/1995 |
| SERIAL NUMBER: 08537073<br>PATENT NUMBER: 5807581<br>TITLE: COLLAGEN-BASED INJECTABLE DRUG DELIVERY SYSTEM AND ITS USE                                   | FILING DATE: 09/29/1995<br>ISSUE DATE: 09/15/1998 |
| SERIAL NUMBER: 08403360<br>PATENT NUMBER: 5580923<br>TITLE: ANTI-ADHESION FILMS AND COMPOSITIONS FOR MEDICAL USE   | FILING DATE: 03/14/1995<br>ISSUE DATE: 12/03/1996 |

016369/0932 PAGE 5

SERIAL NUMBER: 08405320 FILING DATE: 03/16/1995  
PATENT NUMBER: 5693341 ISSUE DATE: 12/02/1997  
TITLE: AFFINITY BOUND COLLAGEN MATRICES FOR THE DELIVERY OF BIOLOGICALLY ACTIVE AGENTS

SERIAL NUMBER: 08274673 FILING DATE: 07/13/1994  
PATENT NUMBER: 5616689 ISSUE DATE: 04/01/1997  
TITLE: METHOD OF CONTROLLING STRUCTURE STABILITY OF COLLAGEN FIBERS PRODUCED FROM SOLUTIONS OR DISPERSIONS TREATED WITH SODIUM HYDROXIDE FOR INFECTIOUS AGENT DEACTIVATION

SERIAL NUMBER: 09300889 FILING DATE: 04/28/1999  
PATENT NUMBER: 6165489 ISSUE DATE: 12/26/2000  
TITLE: CROSSLINKED COLLAGEN COMPOSITIONS FOR IN SITU ADMINISTRATION

SERIAL NUMBER: 08236769 FILING DATE: 05/02/1994  
PATENT NUMBER: 5475052 ISSUE DATE: 12/12/1995  
TITLE: COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION

SERIAL NUMBER: 08780470 FILING DATE: 01/08/1997  
PATENT NUMBER: 5800541 ISSUE DATE: 09/01/1998  
TITLE: COLLAGEN-SYNTHETIC POLYMER MATRICES PREPARED USING A MULTIPLE STEP REACTION

SERIAL NUMBER: 08574050 FILING DATE: 12/18/1995  
PATENT NUMBER: 5752974 ISSUE DATE: 05/19/1998  
TITLE: INJECTABLE OR IMPLANTABLE BIOMATERIALS FOR FILLING OR BLOCKING LUMENS AND VOIDS OF THE BODY

SERIAL NUMBER: 08476825 FILING DATE: 06/07/1995  
PATENT NUMBER: 5614587 ISSUE DATE: 03/25/1997  
TITLE: COLLAGEN-BASED BIOADHESIVE COMPOSITIONS

SERIAL NUMBER: 08853496 FILING DATE: 05/08/1997  
PATENT NUMBER: 5744545 ISSUE DATE: 04/28/1998  
TITLE: BIOCOMPATIBLE ADHESIVE COMPOSITIONS

SERIAL NUMBER: 08853045 FILING DATE: 05/06/1997  
PATENT NUMBER: 5786421 ISSUE DATE: 07/28/1998  
TITLE: METHOD OF PREVENTING FORMATION OF ADHESIONS FOLLOWING SURGERY

SERIAL NUMBER: 08573801 FILING DATE: 12/18/1995  
PATENT NUMBER: 5936035 ISSUE DATE: 08/10/1999  
TITLE: BIOCOMPATIBLE ADHESIVE COMPOSITIONS

SERIAL NUMBER: 09302852 FILING DATE: 04/30/1999  
PATENT NUMBER: 6166130 ISSUE DATE: 12/26/2000  
TITLE: METHOD OF USING CROSSLINKED POLYMER COMPOSITIONS IN TISSUE TREATMENT APPLICATIONS

016369/0932 PAGE 6

SERIAL NUMBER: 09733739 FILING DATE: 12/08/2000  
PATENT NUMBER: 6323278 ISSUE DATE: 11/27/2001  
TITLE: METHOD OF MAKING CROSSLINKED POLYMER MATRICES IN TISSUE TREATMENT APPLICATIONS

SERIAL NUMBER: 09932536 FILING DATE: 08/17/2001  
PATENT NUMBER: 6534591 ISSUE DATE: 03/18/2003  
TITLE: CROSS-LINKED POLYMER COMPOSITIONS AND METHODS FOR THEIR USE

SERIAL NUMBER: 08769806 FILING DATE: 12/18/1996  
PATENT NUMBER: 5874500 ISSUE DATE: 02/23/1999  
TITLE: CROSSLINKED POLYMER COMPOSITIONS AND METHODS FOR THEIR USE

SERIAL NUMBER: 09229851 FILING DATE: 01/13/1999  
PATENT NUMBER: 6051648 ISSUE DATE: 04/18/2000  
TITLE: CROSSLINKED POLYMER COMPOSITIONS AND METHODS FOR THEIR USE

SERIAL NUMBER: 09883138 FILING DATE: 06/15/2001  
PATENT NUMBER: 6458889 ISSUE DATE: 10/01/2002  
TITLE: COMPOSITIONS AND SYSTEMS FOR FORMING CROSSLINKED BIOMATERIALS AND ASSOCIATED METHODS OF PREPARATION AND USE

SERIAL NUMBER: 10262640 FILING DATE: 09/30/2002  
PATENT NUMBER: 6833408 ISSUE DATE: 12/21/2004  
TITLE: METHODS FOR TISSUE REPAIR USING ADHESIVE MATERIALS

SERIAL NUMBER: 08431950 FILING DATE: 05/01/1995  
PATENT NUMBER: 5756678 ISSUE DATE: 05/26/1998  
TITLE: PRION INACTIVATION IN CONNECTIVE TISSUE MATERIALS

SERIAL NUMBER: 08440274 FILING DATE: 05/12/1995  
PATENT NUMBER: 5527856 ISSUE DATE: 06/18/1996  
TITLE: METHOD OF PREPARING CROSSLINKED BIOMATERIAL COMPOSITIONS FOR USE IN TISSUE AUGMENTATION

SERIAL NUMBER: 08287549 FILING DATE: 08/08/1994  
PATENT NUMBER: 5550187 ISSUE DATE: 08/27/1996  
TITLE: METHOD OF PREPARING CROSSLINKED BIOMATERIAL COMPOSITIONS FOR USE IN TISSUE AUGMENTATION

SERIAL NUMBER: 08497573 FILING DATE: 06/30/1995  
PATENT NUMBER: 5643464 ISSUE DATE: 07/01/1997  
TITLE: PROCESS FOR PREPARING A STERILE, DRY CROSSLINKING AGENT

SERIAL NUMBER: 08101333 FILING DATE: 08/02/1993  
PATENT NUMBER: 5352715 ISSUE DATE: 10/04/1994  
TITLE: INJECTABLE CERAMIC COMPOSITIONS AND METHODS FOR THEIR PREPARATION AND USE

SERIAL NUMBER: 07920412 FILING DATE: 07/27/1992

RIGHTRAX

8/10/05 8:08 PAGE 008/013 Fax Server

TITLE: INJECTABLE CERAMIC COMPOSITIONS AND METHODS FOR THEIR PREPARATION  
AND USE

016369/0932 PAGE 7

SERIAL NUMBER: 09436903 FILING DATE: 11/09/1999  
PATENT NUMBER: 6280727 ISSUE DATE: 08/28/2001  
TITLE: COMPOSITIONS CONTAINING THROMBIN AND MICROFIBILLAR COLLAGEN AND METHODS FOR PREPARATION AND USE THEREOF

SERIAL NUMBER: 09099126 FILING DATE: 06/17/1998  
PATENT NUMBER: 6096309 ISSUE DATE: 08/01/2000  
TITLE: COMPOSITIONS CONTAINING THROMBIN AND MICROFIBRILLAR NANOMETER COLLAGEN, AND METHODS FOR PREPARATION AND USE THEREOF

SERIAL NUMBER: 09293708 FILING DATE: 04/16/1999  
PATENT NUMBER: 6312725 ISSUE DATE: 11/06/2001  
TITLE: RAPID GELLING BIOCOMPATIBLE POLYMER COMPOSITION

SERIAL NUMBER: 10012263 FILING DATE: 11/05/2001  
PATENT NUMBER: 6624245 ISSUE DATE: 09/23/2003  
TITLE: RAPID-GELLING BIOCOMPATIBLE POLYMER COMPOSITION AND ASSOCIATED METHODS OF PREPARATION AND USE

SERIAL NUMBER: 09578814 FILING DATE: 05/24/2000  
PATENT NUMBER: 6482179 ISSUE DATE: 11/19/2002  
TITLE: APPARATUSES, METHODS AND COMPOSITIONS FOR CLOSING TISSUE PUNCTURE OPENINGS

SERIAL NUMBER: 09649337 FILING DATE: 08/28/2000  
PATENT NUMBER: 6495127 ISSUE DATE: 12/17/2002  
TITLE: COMPOSITIONS AND SYSTEMS FOR FORMING HIGH STRENGTH MEDICAL SEALANTS, AND ASSOCIATED METHODS OF PREPATAION AND USE

SERIAL NUMBER: 09199139 FILING DATE: 11/24/1998  
PATENT NUMBER: 6110484 ISSUE DATE: 08/29/2000  
TITLE: COLLAGEN-POLYMER MATRICES WITH DIFFERENTIAL BIODEGRADABILITY

SERIAL NUMBER: 09596183 FILING DATE: 06/16/2000  
PATENT NUMBER: 6277394 ISSUE DATE: 08/21/2001  
TITLE: COLLAGEN-POLYMER MATRICES WITH DIFFERENTIAL BIODEGRADABILITY

ALLYSON PURNELL, EXAMINER  
ASSIGNMENT DIVISION  
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